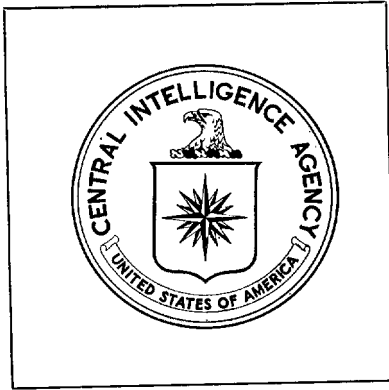


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# Economic Intelligence Statistical Handbook 1973

~~Confidential~~

H 73-2  
July 1973

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## WARNING

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*Economic Intelligence  
Statistical Handbook  
1973*

This handbook was produced solely by the Central Intelligence Agency. It was prepared by the Office of Economic Research. Comments and queries regarding this handbook are welcomed. They may be directed to John Shulo, Code 143, Extension 7234.

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## FOREWORD

### 1. Purpose and Scope

The *Economic Intelligence Statistical Handbook, 1973* provides statistics for selected non-Communist countries and all the Communist countries.

In general, the data in the *Handbook* are for 1960, 1965, 1970, and 1972. A summary table is presented for the United States, Japan, the European Community, the USSR, and China. Footnotes have been used liberally to give definitions, exceptions, and methodology. Footnotes to the commodity tables give more detailed definitions of the data than those appearing for the commodities on the summary table.

### 2. Rounding of the Totals

The totals have been rounded, with some exceptions, to three significant digits. In general, zeros appearing after the last nonzero number following the decimal point are not significant but are used merely for consistency in presentation, and, because of rounding, components may not add to the totals shown. Totals are not presented if missing data are believed to represent a significant part of the total.

### 3. Symbols

The abbreviation *N.A. (not available)* is used when information about the existence of the data or the magnitude of the data are not available, and the abbreviation *Negl. (negligible)* is used when the magnitude of the data is less than half of the final unit employed for each table. The metric system is used throughout.

### 4. Classification of Data

The overall classification of the *Handbook* is CONFIDENTIAL. The classified data are indicated by an asterisk (\*). Tables in which all of the data are classified have been identified accordingly. *Classified data, however, frequently occur on the reverse of the page, and, therefore, caution should be exercised if pages are removed from this Handbook.*

### 5. Sources

The data given for the most recent years are frequently preliminary and subject to revision. The data for the Communist countries are estimates of this Office, official data from the country cited, or estimates made by other organizations. The data for the non-Communist countries are from publications of the United Nations and the Organization for Economic Cooperation and Development (OECD), are from unclassified publications of other international organizations or individual countries, or are estimates of this Office.

### 6. Terms

Unless otherwise indicated, the term *Communist Countries* includes the USSR, the countries of Eastern Europe, China, North Korea, North Vietnam, Albania, Cuba, and Yugoslavia; the term *Eastern Europe* includes Bulgaria, Czechoslovakia, East Germany, Hungary, Poland, and Romania. The term *European Community* includes Belgium, Denmark, France, Ireland, Italy, Luxembourg, the Netherlands, the United Kingdom, and West Germany. The term *developed countries* includes the European Community, Austria, Finland, Iceland, Liechtenstein, Norway, Sweden, Switzerland, Australia, Canada, Japan, New Zealand, South Africa, and the United States. The term *Organization for Economic Cooperation and Development* includes Greece, Portugal, Spain, Turkey, and all the developed countries, except Liechtenstein, New Zealand, and South Africa. The term *less developed countries* includes the following non-Communist countries: (1) all countries of Africa except the Republic of South Africa, (2) all countries of East Asia except Japan, (3) Portugal and Spain in Europe, (4) all countries in Latin America, and (5) all countries in the Middle East and South Asia.

As far as possible, production data for the Saar have been included in the data for West Germany for all years, unless otherwise indicated. Totals for the country groupings may or may not include all of the countries listed above, depending on the commodity or services listed.



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Kuwait  
Libya  
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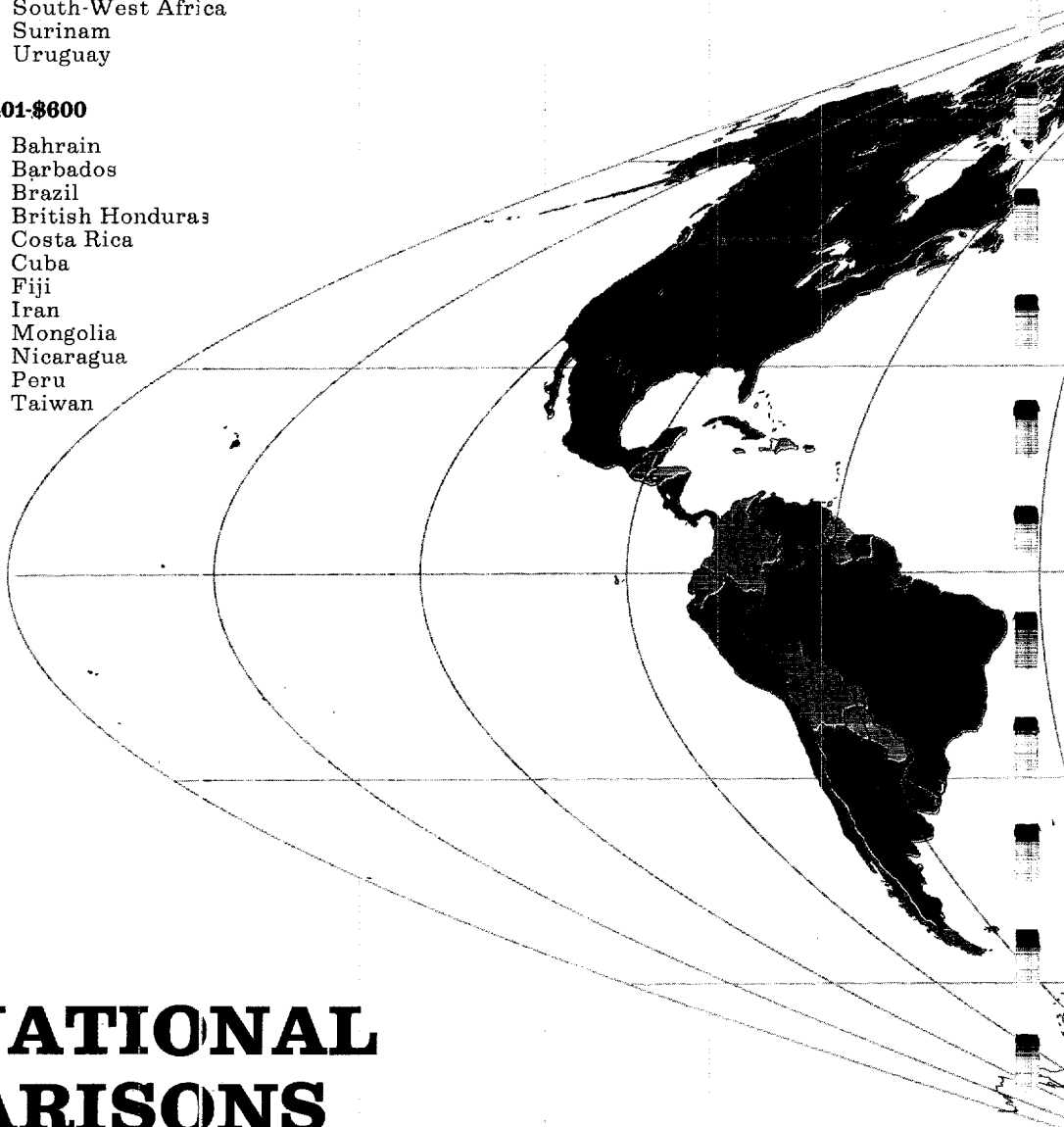
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Ecuador  
Egypt  
El Salvador  
Equatorial Guinea  
Ghana  
Grenada  
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Guyana  
Honduras  
Iraq  
Ivory Coast  
Jordan  
Liberia  
Malaysia



# INTERNATIONAL COMPARISONS

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# Gross National Product Per Capita, 1972

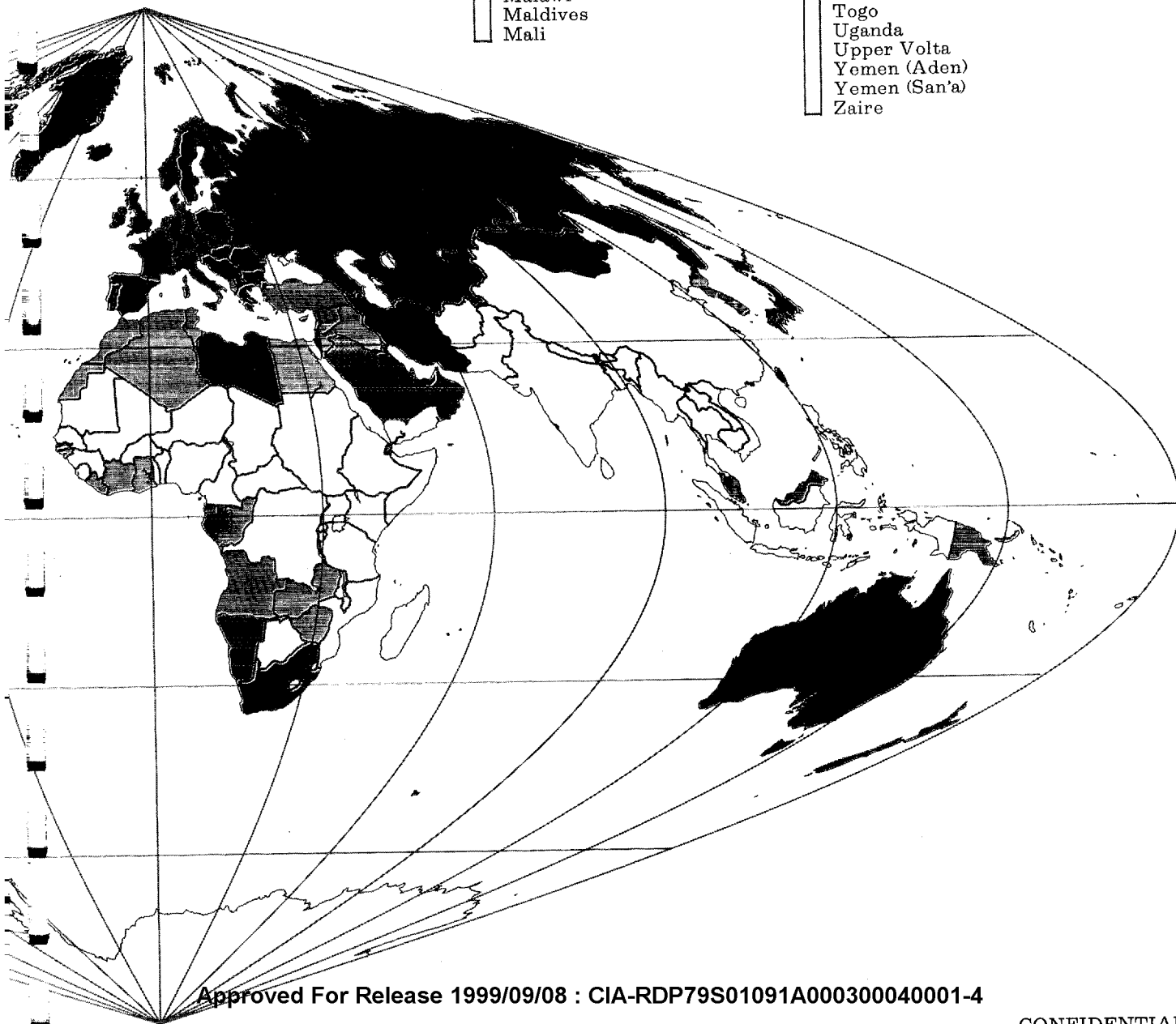
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## Less than \$201

Mauritius  
Morocco  
North Korea  
Papua New Guinea  
Paraguay  
Portuguese Guinea  
Rhodesia  
St. Kitts - Nevis - Anguilla  
St. Lucia  
South Korea  
Spanish Sahara  
Syria  
Tonga  
Tunisia  
Turkey  
Western Samoa  
Zambia

Afghanistan  
Bangladesh  
Bhutan  
Botswana  
Burma  
Burundi  
Cambodia  
Cameroon  
Central African Republic  
Chad  
Dahomey  
Ethiopia  
Gambia  
Guinea  
Haiti  
India  
Indonesia  
Kenya  
Laos  
Lesotho  
Macao  
Malagasy Republic  
Malawi  
Maldives  
Mali

Mauritania  
Mozambique  
Nepal  
Niger  
Nigeria  
North Vietnam  
Pakistan  
People's Republic of China  
Philippines  
Portuguese Timor  
Rwanda  
St. Vincent  
Senegal  
Seychelles  
Sierra Leone  
Sikkim  
Somalia  
South Vietnam  
Sri Lanka  
Sudan  
Swaziland  
Tanzania  
Thailand  
Togo  
Uganda  
Upper Volta  
Yemen (Aden)  
Yemen (San'a)  
Zaire



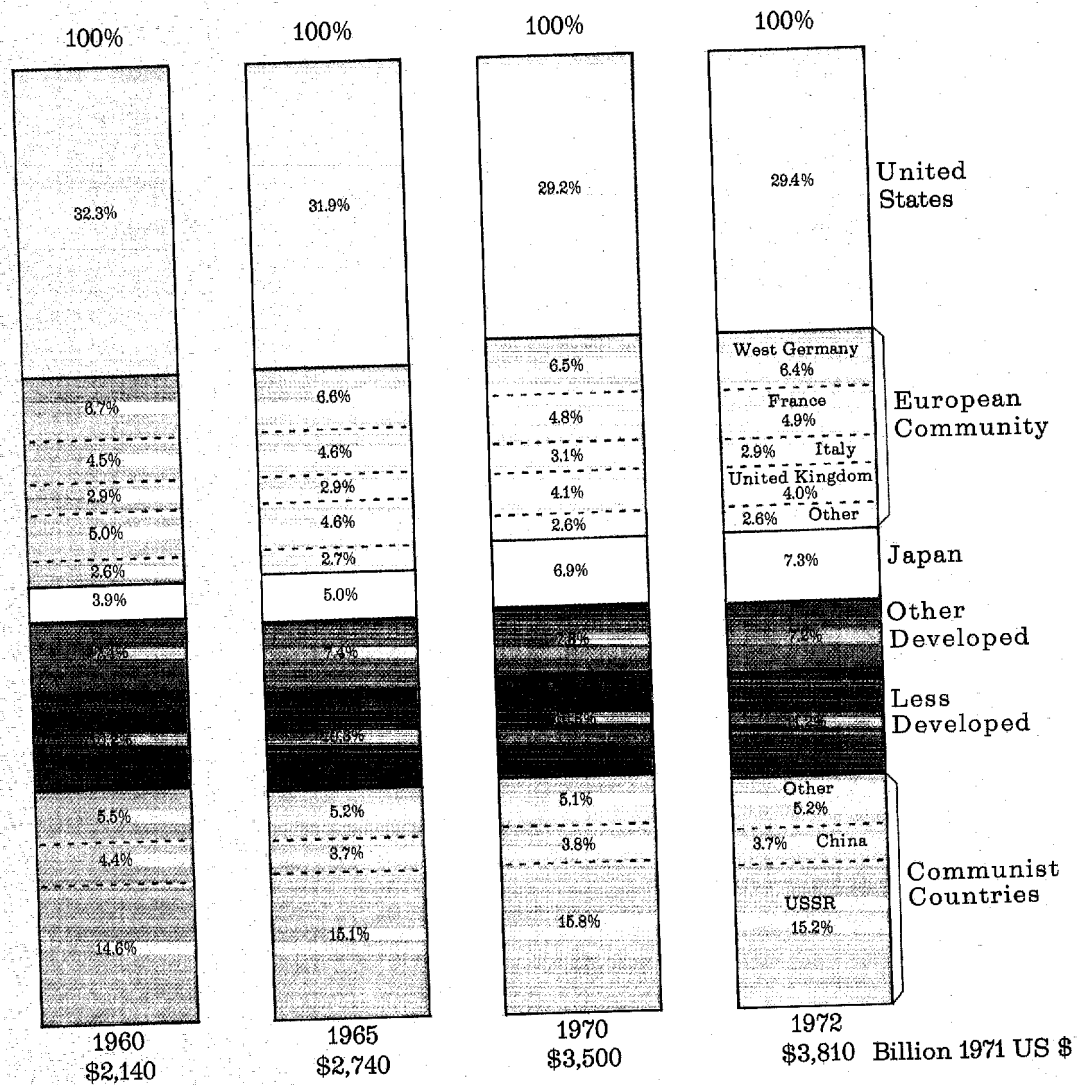
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Figure 1

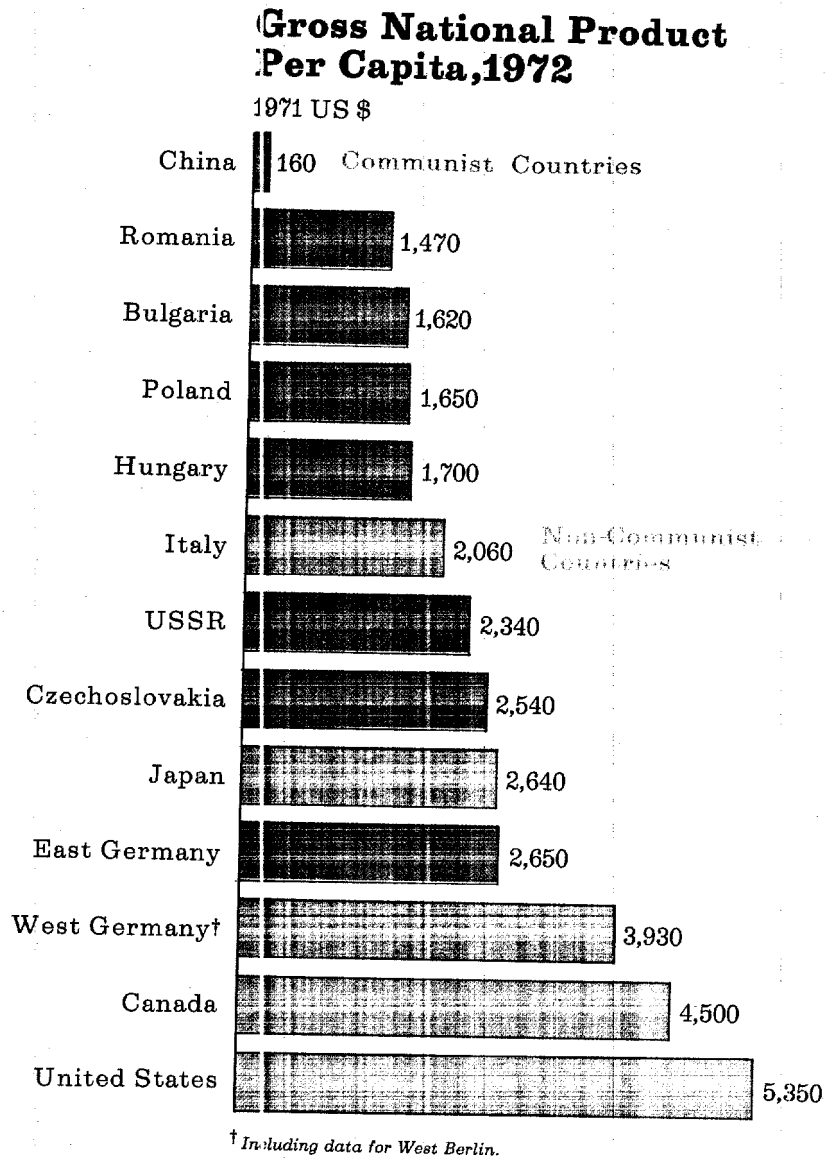
# World Gross National Product



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Figure 2



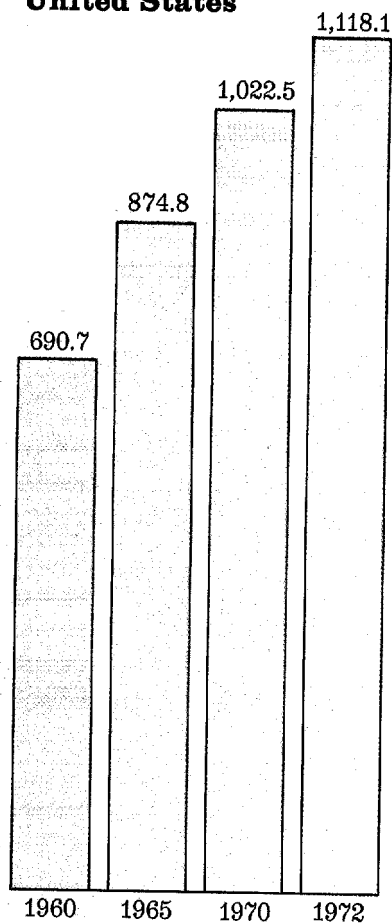
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Figure 3

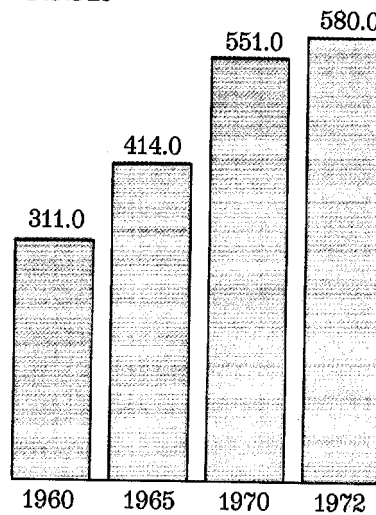
**United States**



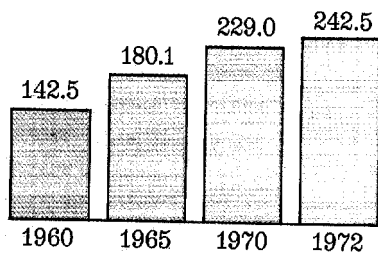
**Gross National Product Comparisons**

Billion 1971 US \$

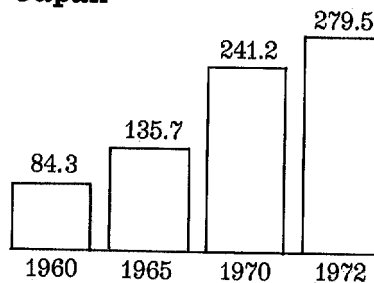
**USSR**



**West Germany**



**Japan**



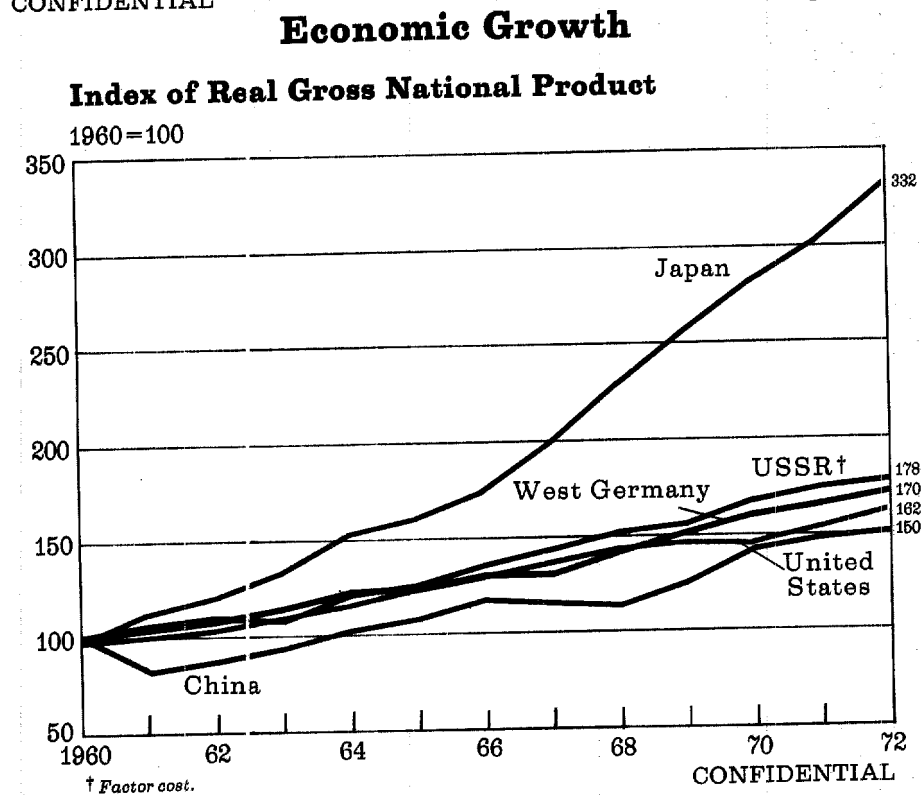
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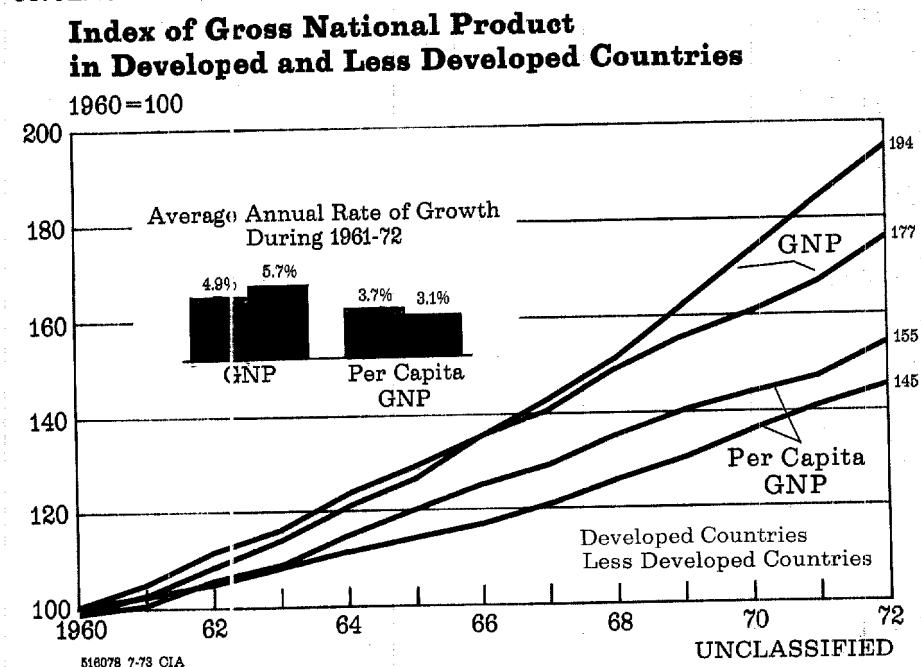


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Figure 4



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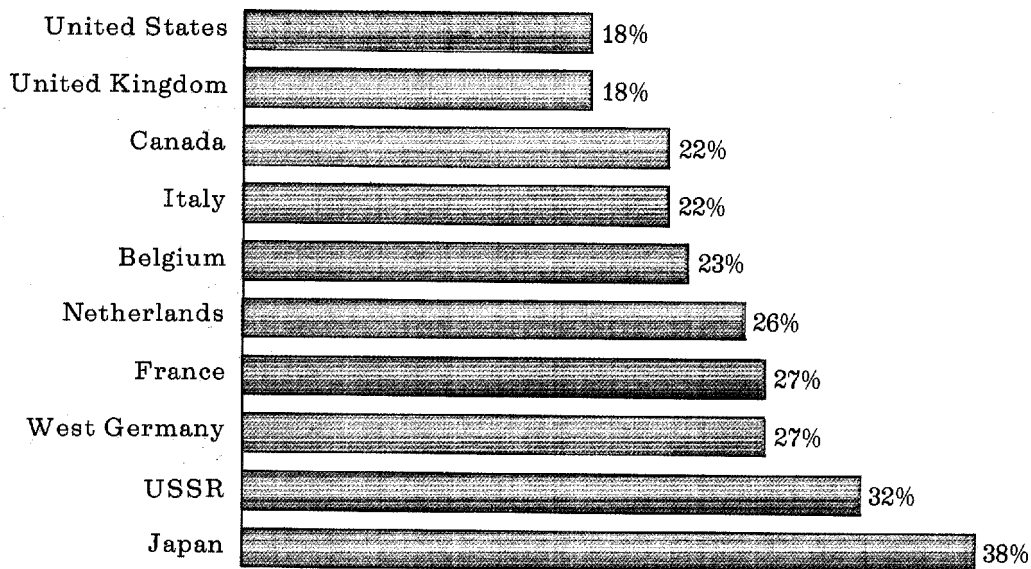


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Figure 5

### Gross Investment<sup>†</sup> as a Share of Gross National Product

(1969-71 Annual Average)



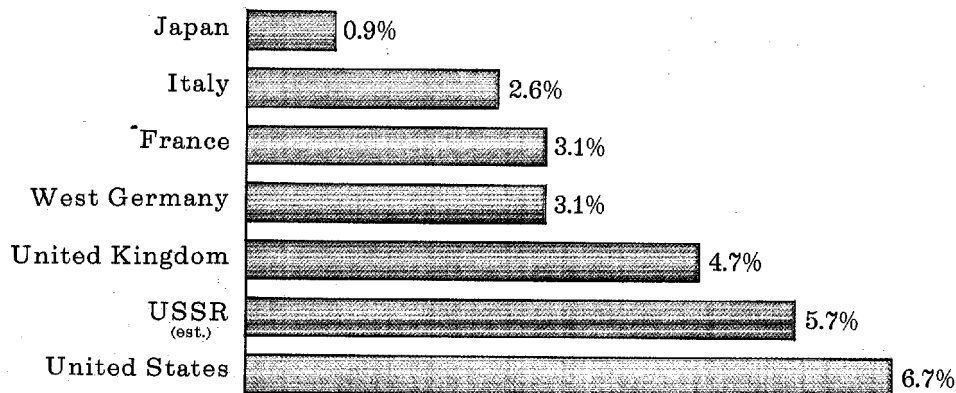
<sup>†</sup> Investment includes private and government.

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Figure 6

### Defense Expenditures as a Share of Gross National Product, 1971



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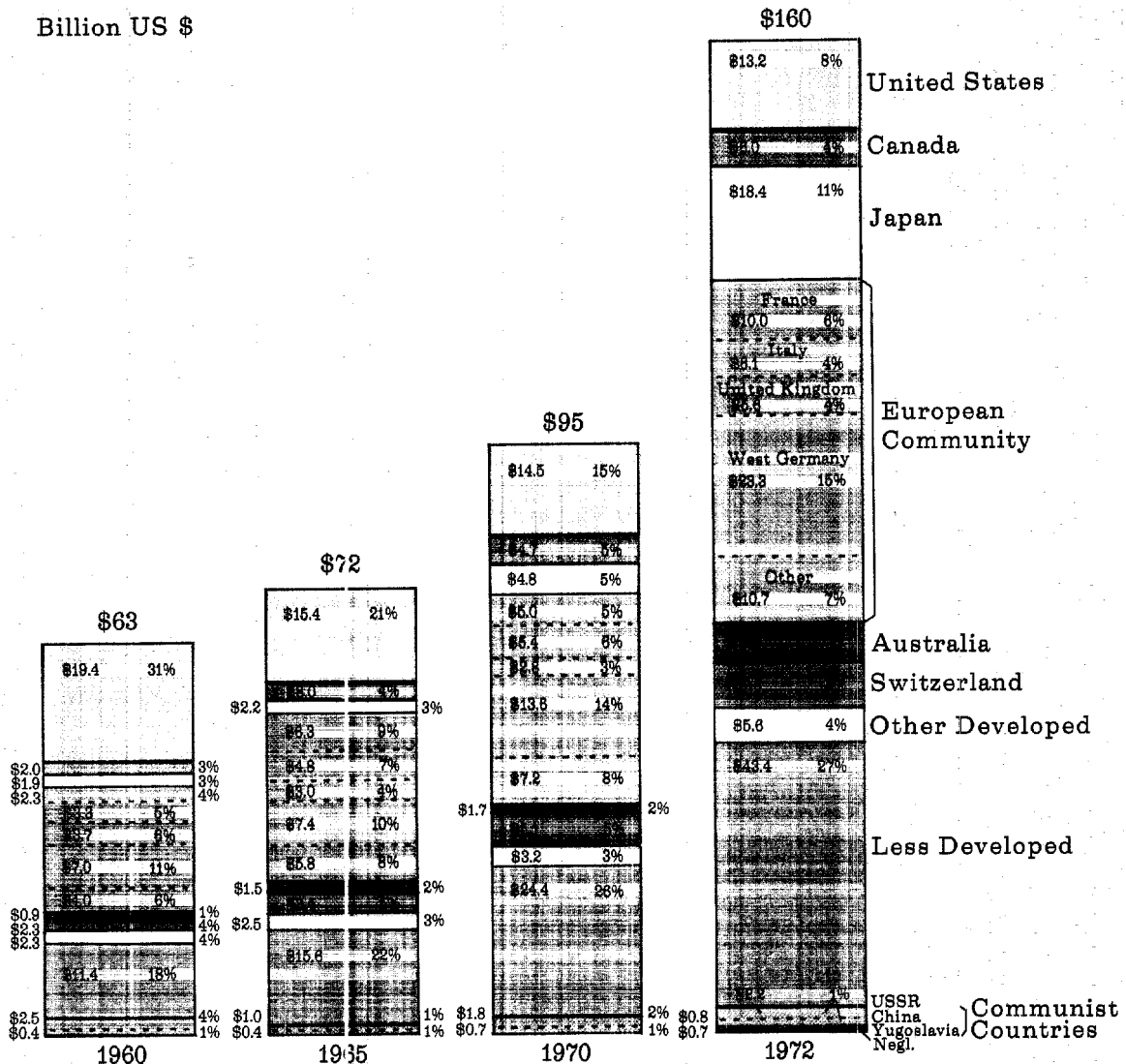
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Figure 7

# **International Reserves†**

Billion US \$



† Including gold and foreign exchange. Data for the non-Communist countries also include Special Drawing Rights and the reserve position in the International Monetary Fund. Data before 1972 for the non-Communist countries are expressed in terms of US dollars at the official par values and, beginning in 1972, reflect the realignment of the exchange rates agreed to on 18 December 1971 and the revaluation of the dollar price of gold.

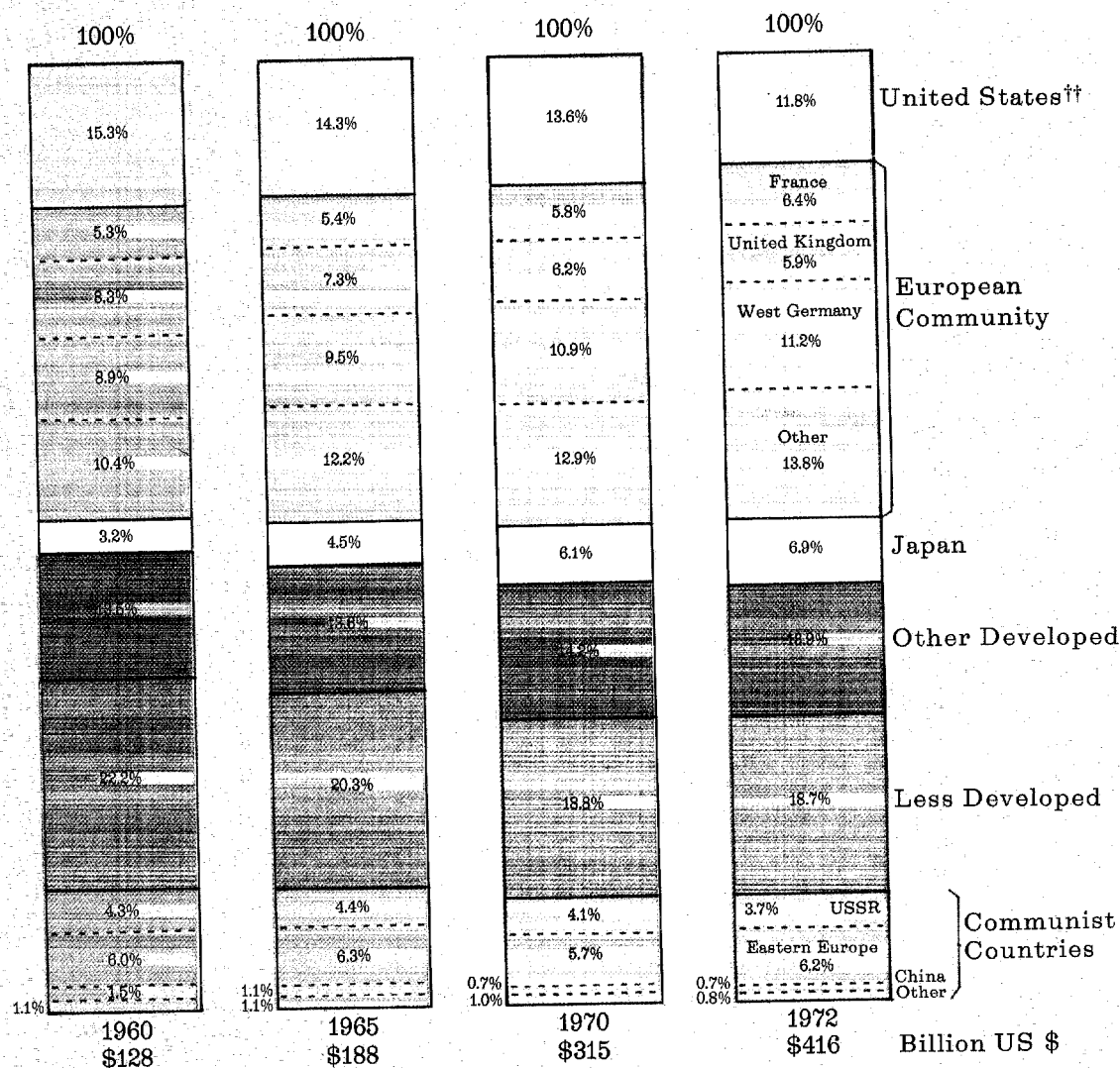
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Figure 8

# **World Exports†**



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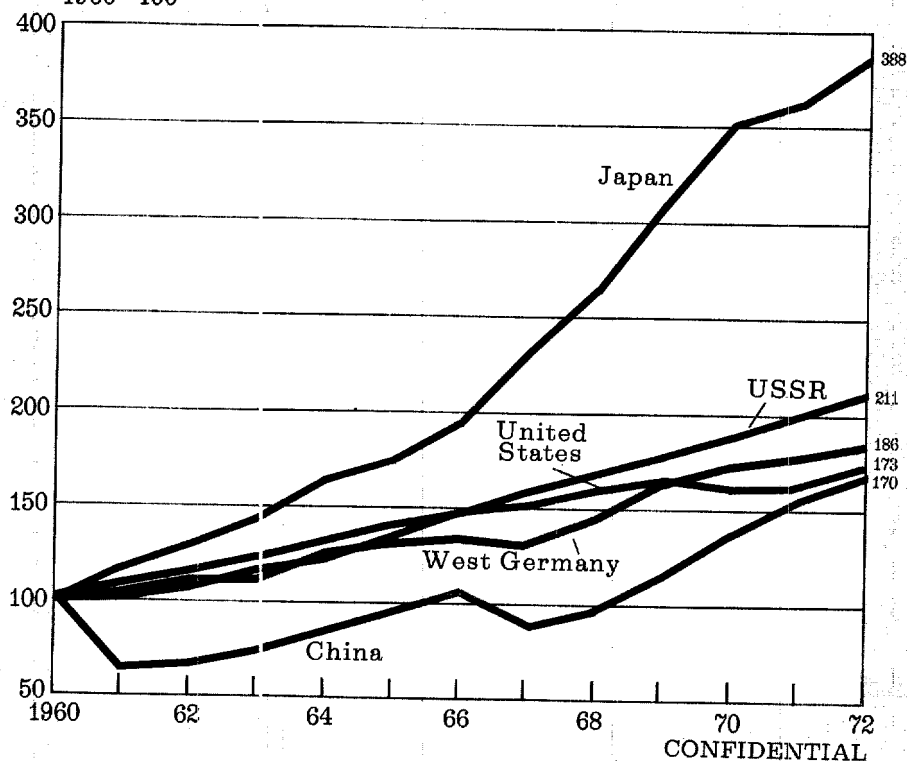
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Figure 9

# **Index of Industrial Production**

1960=100

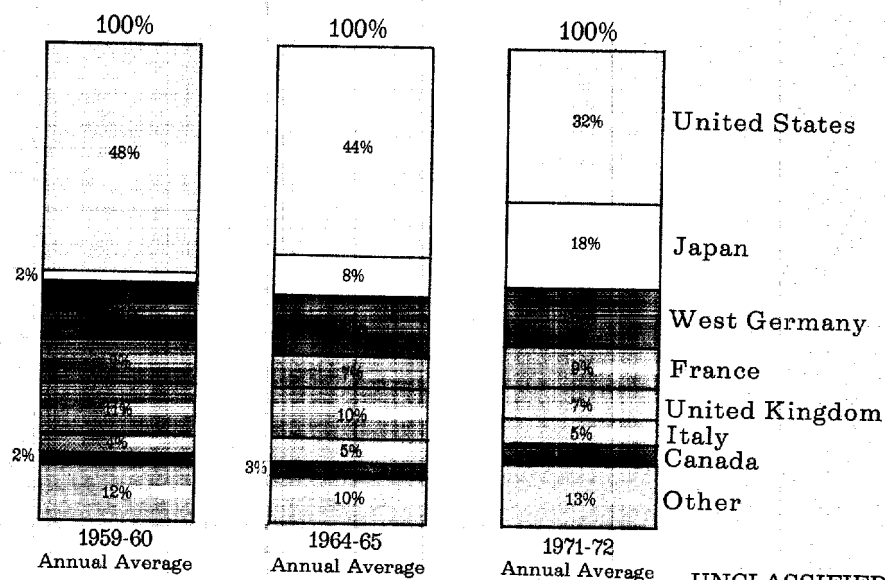


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Figure 10

# **World Production of Motor Vehicles**



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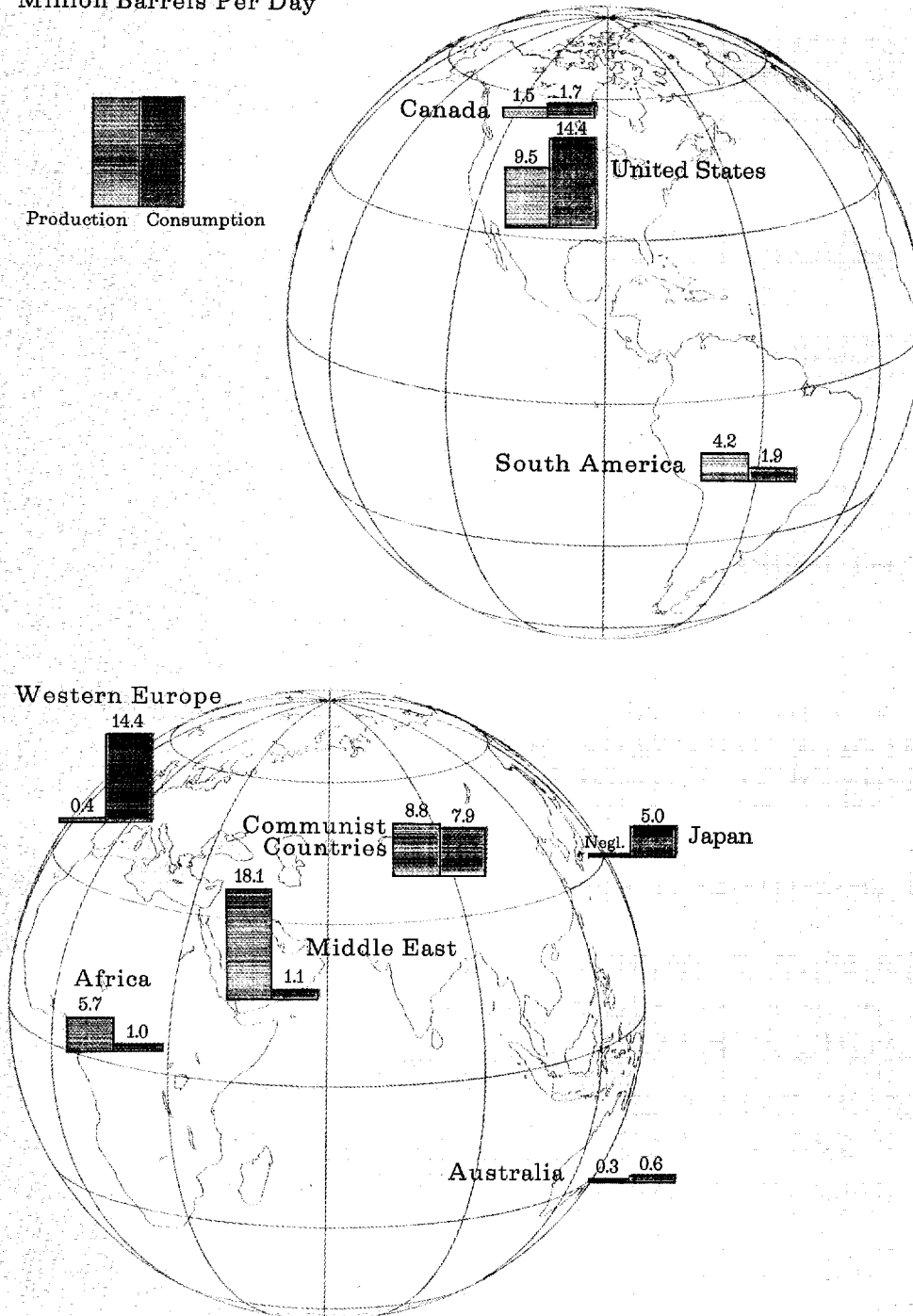
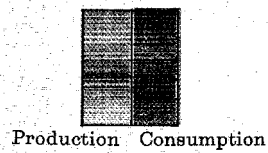
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Figure 11

# **World Crude Oil Production and Consumption, Selected Areas, 1972**

Million Barrels Per Day



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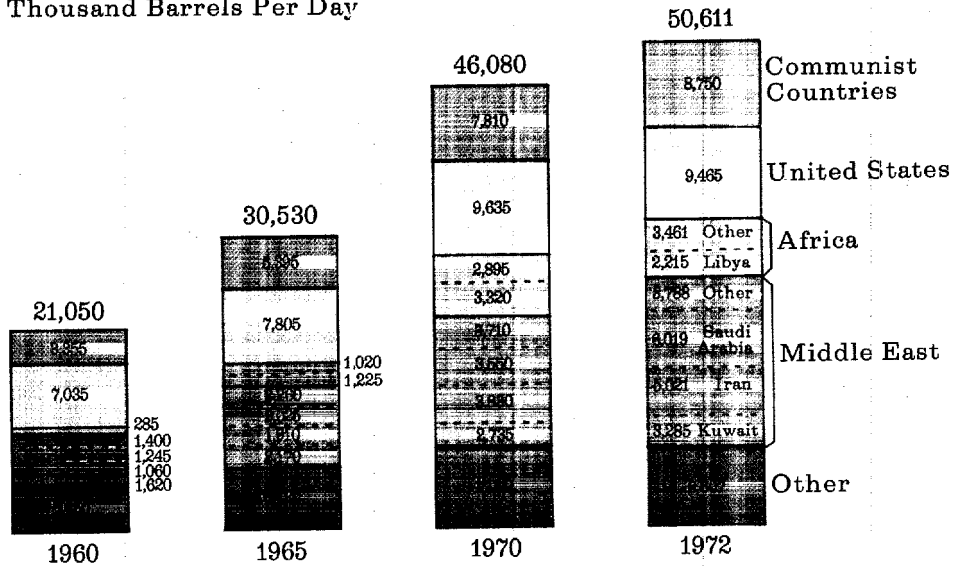
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Figure 12

## World Crude Oil

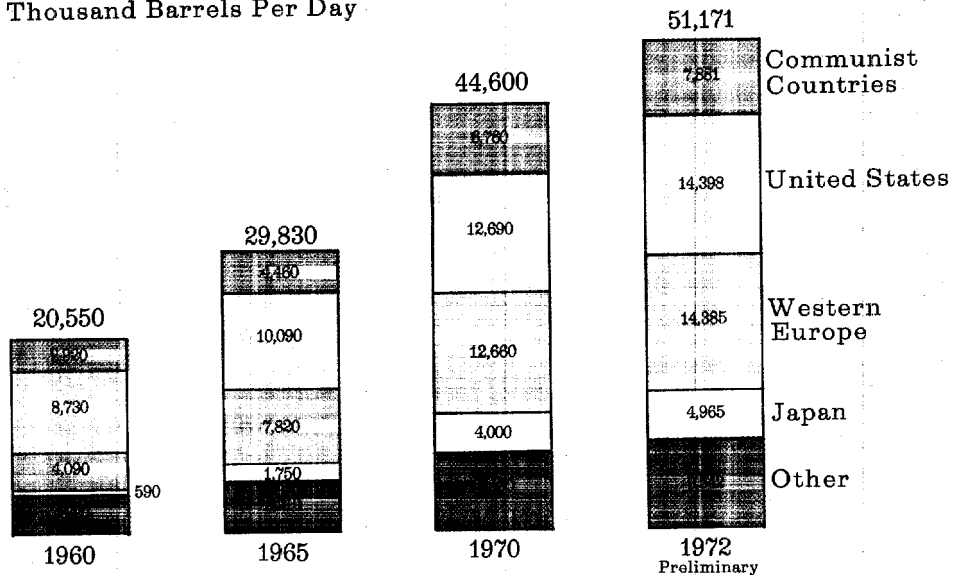
### Production

Thousand Barrels Per Day



### Consumption

Thousand Barrels Per Day



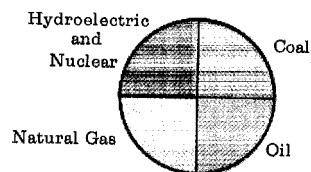
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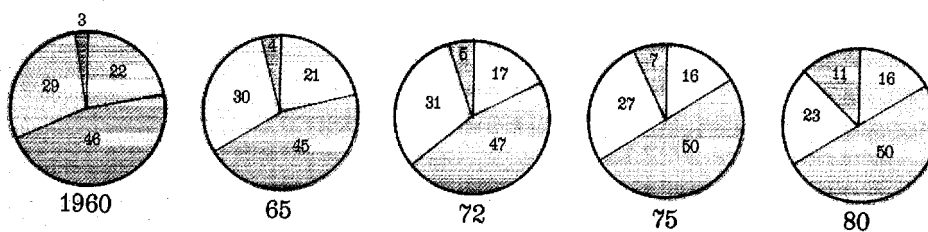
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Figure 13

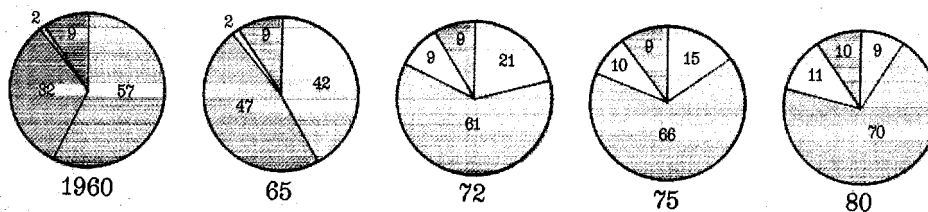
# **Primary Energy Consumption** Percent



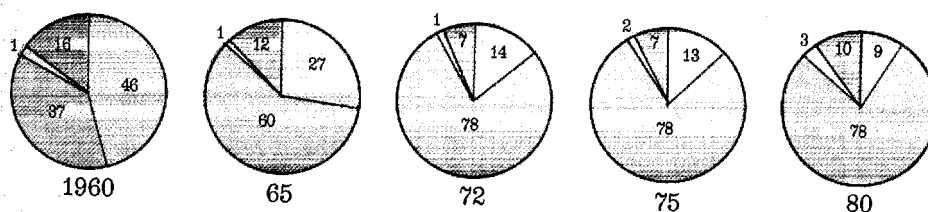
## **United States**



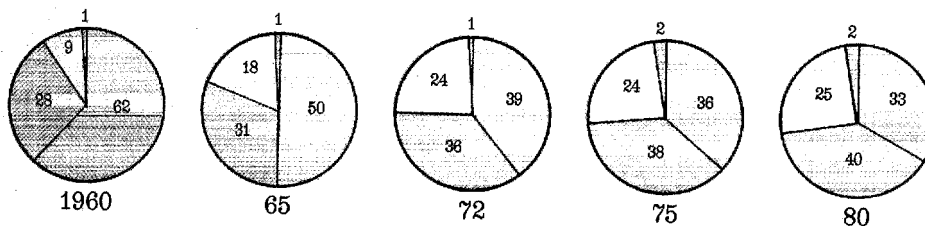
## **Western Europe**



## **Japan**



## **USSR**



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## ECONOMIC COMPARISONS, 1972

|  | United<br>States    | Canada           | Japan            | European<br>Community | France           | Italy            |
|--|---------------------|------------------|------------------|-----------------------|------------------|------------------|
| <b>Aggregative data</b>  |                     |                  |                  |                       |                  |                  |
| <b>Population</b>  |                     |                  |                  |                       |                  |                  |
| Million persons at midyear.....  | 208.8               | 21.8             | 106.0            | 254.7                 | 51.7             | 54.2             |
| Percent increase.....  | 0.9                 | 0.9              | 1.3              | 0.5                   | 0.8              | 0.6              |
| <b>Gross national product</b>  |                     |                  |                  |                       |                  |                  |
| Billion 1971 US \$ <sup>2</sup> .....  | 1,118.1             | 98.0             | 279.5            | 791                   | 186.0            | 111.5            |
| Average annual rate of growth, 1966-72<br>(percent) <sup>3</sup> .....               | 3.6                 | 5.0              | 10.9             | 4.4                   | 5.6              | 4.9              |
| Per capita (1971 US \$).....   | 5,350               | 4,500            | 2,640            | 3,100                 | 3,600            | 2,060            |
| Industrial production (1960=100).....  | 173                 | 201              | 388              | N.A.                  | 200              | 197              |
| <b>Production</b>  |                     |                  |                  |                       |                  |                  |
| Primary energy (million metric tons of coal<br>equivalents <sup>4</sup> ).....       | 2,183               | 343              | 87               | 583                   | 82               | 51               |
| Electric power (billion kilowatt-hours)....  | 1,968               | 244              | 416              | 958                   | 167              | 137              |
| Crude steel (million metric tons).....   | 121                 | 12               | 97               | 138                   | 24               | 20               |
| Cement (million metric tons).....  | 75                  | 9                | 66               | 141                   | 30               | 33               |
| <b>Trade and international reserves</b>  |                     |                  |                  |                       |                  |                  |
| Exports <sup>5</sup> (million US \$).....  | 49,208 <sup>6</sup> | 21,025           | 28,620           | 154,900               | 26,423           | 18,548           |
| Imports <sup>7</sup> (million US \$).....  | 58,944              | 20,497           | 23,494           | 154,700               | 27,002           | 19,282           |
| Trade balance (million US \$).....   | -9,736              | 528              | 5,126            | 200                   | -579             | -734             |
| International reserves (billion US \$).....  | 13.2                | 6.0              | 18.4             | N.A.                  | 10.0             | 6.1              |
| <b>Indicators of living standards</b>  |                     |                  |                  |                       |                  |                  |
| Grain production (kilograms per capita)....  | 1,092               | 1,533            | 139 <sup>9</sup> | 403                   | 767              | 300              |
| Meat production (kilograms per capita)....   | 80                  | 71               | 10               | 53                    | 59               | 27               |
| Television receivers in use (units per thou-<br>sand persons).....                   | 533                 | 416              | 258              | 285                   | 262              | 218              |
| Radio receivers in use (units per thousand<br>persons).....                          | 1,765               | 780 <sup>8</sup> | 573 <sup>8</sup> | 301 <sup>11</sup>     | 312 <sup>8</sup> | 224 <sup>8</sup> |
| Consumer price index (1960=100).....   | 141                 | 141              | 194              | N.A.                  | 167              | 162              |
| Telephones in use (units per thousand<br>persons).....                               | 602 <sup>8</sup>    | 476 <sup>8</sup> | 281 <sup>8</sup> | 234 <sup>8</sup>      | 186 <sup>8</sup> | 192 <sup>8</sup> |
| Gross investment as a percent of GNP (1969-71<br>annual average) <sup>12</sup> ..... | 18                  | 22               | 38               | N.A.                  | 27               | 22               |

\*An asterisk indicates that the data are CONFIDENTIAL.

<sup>1</sup> Including data for West Berlin.<sup>2</sup> Data for the non-Communist countries were converted from national currencies at the new central or par value exchange rates agreed to on 18 December 1971. Data for the Communist countries were converted at US purchasing power equivalents.<sup>3</sup> The base year is the year prior to the stated period. Data for the USSR are at factor costs.<sup>4</sup> Energy expressed in coal equivalents has a calorific value of 7,000 kilocalories per kilogram.<sup>5</sup> Data are f.o.b.<sup>6</sup> Excluding Department of Defense shipments.<sup>7</sup> Unless otherwise indicated, data are c.i.f.<sup>8</sup> Data are for 1971.<sup>9</sup> Rice only.<sup>10</sup> Excluding rice.<sup>11</sup> Data are for 1970.<sup>12</sup> Including private and government.

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Figure 14

## ECONOMIC COMPARISONS, 1972

| United Kingdom    | West Germany       | USSR                | Eastern Europe    | China             |   |
|-------------------|--------------------|---------------------|-------------------|-------------------|---|
|                   |                    |                     |                   |                   | Aggregative data  |
|                   |                    |                     |                   |                   | Population  |
| 55.8              | 61.7 <sup>1</sup>  | 247.5               | 104.2             | 878               | Million persons at midyear  |
| 0.2               | 0.7 <sup>1</sup>   | 1.0                 | 0.6               | 2.5               | Percent increase  |
|                   |                    |                     |                   |                   | Gross national product  |
| 151.6             | 242.5 <sup>1</sup> | 580.0*              | 199               | 133-147           | Billion 1971 US \$ <sup>2</sup>   |
| 2.6               | 4.3 <sup>1</sup>   | 4.9*                | 4.8               | 4.7               | Average annual rate of growth 1966-72 (percent) <sup>3</sup>                |
| 2,720             | 3,930 <sup>1</sup> | 2,340*              | 1,910             | 160               | Per capita (1971 US \$)   |
| 137               | 186                | 211*                | 210               | 157-183           | Industrial production (1960 = 100)  |
|                   |                    |                     |                   |                   | Production  |
| 174               | 181                | 1,323               | 400               | 341               | Primary energy (million metric tons of coal equivalents <sup>4</sup> )      |
| 269               | 269                | 858                 | 283               | 95                | Electric power (billion kilowatt-hours)                                     |
| 25                | 44 <sup>1</sup>    | 126                 | 45                | 23                | Crude steel (million metric tons)   |
| 18                | 43 <sup>1</sup>    | 104                 | 47                | 30                | Cement (million metric tons)  |
|                   |                    |                     |                   |                   | Trade and international reserves  |
| 24,361            | 46,695             | 15,400              | 26,200            | 2,970             | Exports <sup>5</sup> (million US \$)  |
| 28,048            | 40,192             | 16,100 <sup>6</sup> | 25,600            | 2,480             | Imports <sup>7</sup> (million US \$)  |
| -3,687            | 6,503              | -700                | 600               | 490               | Trade balance (million US \$)   |
| 5.6               | 23.3               | 2.2*                | N.A.              | 0.8* <sup>8</sup> | International reserves (billion US \$)                                      |
|                   |                    |                     |                   |                   | Indicators of living standards  |
| 274               | 324 <sup>1</sup>   | 541                 | 700 <sup>10</sup> | 239-245           | Grain production (kilograms per capita)                                     |
| 38                | 58 <sup>1</sup>    | 55                  | 49                | N.A.              | Meat production (kilograms per capita)                                      |
|                   |                    |                     |                   |                   | Television receivers in use (units per thousand persons)                    |
| 303               | 357                | 182                 | 182               | N.A.              | Radio receivers in use (units per thousand persons)                         |
| 331 <sup>11</sup> | 323 <sup>11</sup>  | 215                 | 202               | 18*-19*           | Consumer price index (1960 = 100)   |
| 174               | 145                | 101                 | N.A.              | N.A.              | Telephones in use (units per thousand persons)                              |
| 290 <sup>8</sup>  | 249 <sup>18</sup>  | 65                  | 81                | N.A.              | Gross investment as a percent of GNP (1969-71 annual average) <sup>12</sup> |
| 18                | 27                 | 32*                 | N.A.              | N.A.              |   |

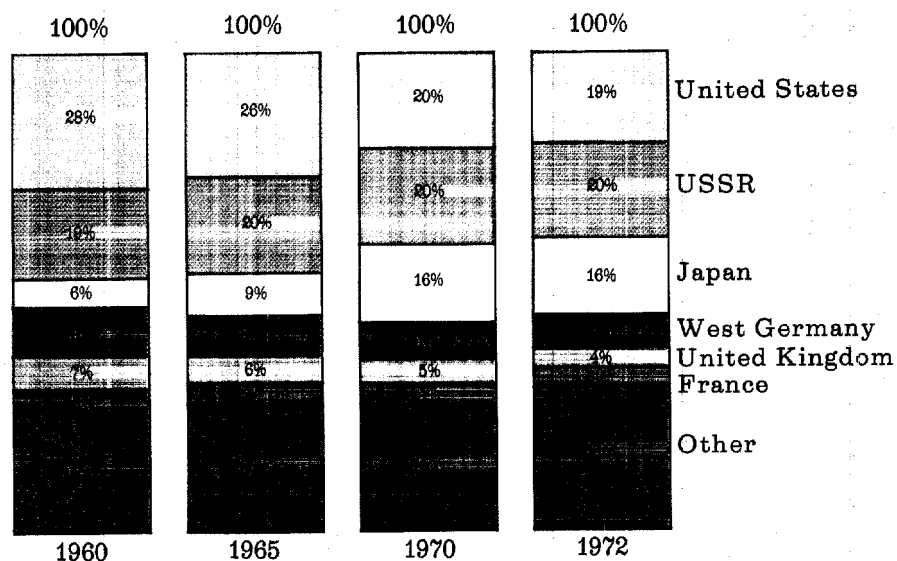
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Figure 15

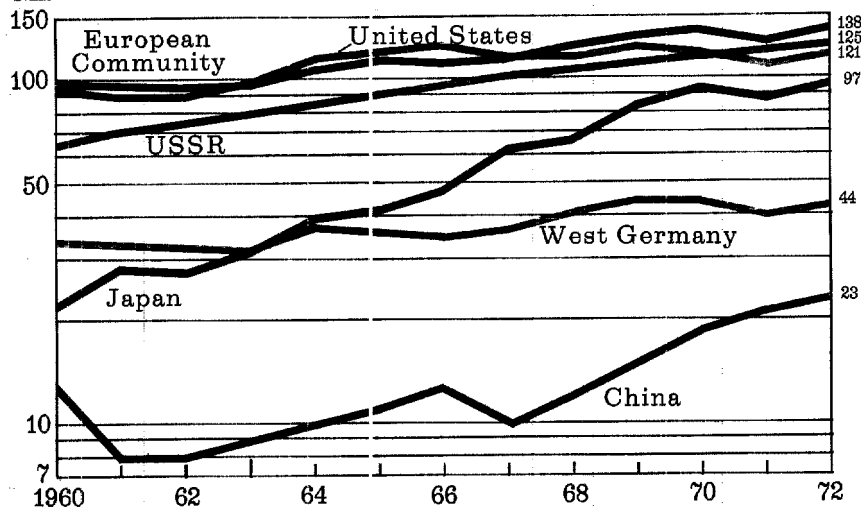
## Production of Crude Steel

### World



### Trends

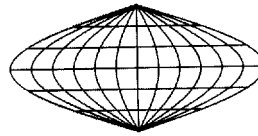
Million Metric Tons



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- GROSS NATIONAL PRODUCT
- INTERNATIONAL RESERVES
- CURRENT ACCOUNT BALANCE
- BASIC BALANCE
- INDUSTRIAL PRODUCTION
- AGRICULTURAL PRODUCTION
- DEFENSE EXPENDITURES
- CONSUMER PRICE INDEX
- WHOLESALE PRICE INDEX
- EXCHANGE RATES
- POPULATION
- LABOR FORCE
- UNITED STATES:  
ECONOMIC DATA
- JAPAN: ECONOMIC DATA
- EUROPEAN COMMUNITY:  
ECONOMIC DATA
- USSR: ECONOMIC DATA
- CHINA: ECONOMIC DATA
- FACTORS OF CONSUMPTION:  
US AND USSR

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Table 1

Estimated Gross National Product at Market Prices <sup>1</sup>

Billion 1971 US \$

|                                 | 1960     | 1965      | 1970       | 1972       |
|---------------------------------|----------|-----------|------------|------------|
| World.....                      | 2,140    | 2,740     | 3,500      | 3,810      |
| Developed Countries.....        | 1,400    | 1,800     | 2,260      | 2,460      |
| United States.....              | 690.7    | 874.8     | 1,022.5    | 1,118.1    |
| Australia <sup>2</sup> .....    | 22.9     | 29.2      | 37.7       | 40.5       |
| Canada.....                     | 53.0     | 69.6      | 87.6       | 98.0       |
| Japan.....                      | 84.3     | 135.7     | 241.2      | 279.5      |
| Sweden.....                     | 24.6     | 31.3      | 38.0       | 38.8       |
| Switzerland.....                | 16.2     | 20.9      | 25.3       | 27.5       |
| European Community.....         | 464      | 586       | 739        | 791        |
| Belgium.....                    | 18.8     | 24.1      | 30.5       | 33.0       |
| France.....                     | 95.5     | 126.9     | 168.4      | 186.0      |
| Italy.....                      | 61.8     | 80.0      | 106.7      | 111.5      |
| Netherlands.....                | 22.6     | 28.9      | 37.9       | 40.8       |
| United Kingdom.....             | 107.8    | 127.0     | 143.3      | 151.6      |
| West Germany <sup>3</sup> ..... | 142.5    | 180.1     | 229.0      | 242.5      |
| Less Developed Countries.....   | 219      | 283       | 379        | 425        |
| Communist Countries.....        | 522*     | 658*      | 861*       | 919*       |
| USSR and Eastern Europe.....    | 429*     | 557*      | 730*       | 779*       |
| USSR.....                       | 311.0*   | 414.0*    | 551.0*     | 580.0*     |
| Eastern Europe.....             | 118      | 143       | 179        | 199        |
| Bulgaria.....                   | 6.4      | 8.6       | 12.3       | 13.9       |
| Czechoslovakia.....             | 26.4     | 28.2      | 34.1       | 36.8       |
| East Germany.....               | 28.8     | 33.8      | 41.7       | 45.1       |
| Hungary.....                    | 11.5     | 13.9      | 16.5       | 17.7       |
| Poland.....                     | 30.5     | 39.2      | 48.4       | 54.6       |
| Romania.....                    | 14.3     | 19.0      | 25.7       | 30.5       |
| Far East                        |          |           |            |            |
| China.....                      | 93 to 94 | 99 to 104 | 126 to 137 | 133 to 147 |

\*An asterisk indicates that the data are CONFIDENTIAL.

<sup>1</sup> Data for the non-Communist countries were converted from national currencies at the new central or par value rates of exchange agreed to on 18 December 1971. Data for the Communist countries were converted at US purchasing power equivalents.<sup>2</sup> Fiscal year ending 30 June of the stated year.<sup>3</sup> Including data for West Berlin.

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Table 2

## Gross National Product in Purchasing Power Equivalents and Exchange Rate Equivalents

|                                 | Gross National Product, 1972<br>(Billion 1971 US \$) |                              |                                | National Currency per US \$        |                              |                                |
|---------------------------------|--|------------------------------|--------------------------------|------------------------------------|------------------------------|--------------------------------|
|                                 | Purchasing<br>Power<br>Equivalents <sup>1</sup>      | Central<br>Rate <sup>2</sup> | Par Value<br>Rate <sup>3</sup> | Purchasing<br>Power<br>Equivalents | Central<br>Rate <sup>4</sup> | Par Value<br>Rate <sup>5</sup> |
| OECD                            |  |                              |                                |                                    |                              |                                |
| Belgium.....                    | 39.5   | 33.0                         | 29.6                           | 37.48                              | 44.8159                      | 50                             |
| Denmark.....                    | 18.6   | 19.0                         | 17.7                           | 7.133                              | 6.98                         | 7.50                           |
| France.....                     | 211.2  | 186.0                        | 171.3                          | 4.506                              | 5.1157 <sup>6</sup>          | 5.55419                        |
| Italy.....                      | 119.9  | 111.5                        | 103.7                          | 540.8                              | 581.5                        | 625                            |
| Japan.....                      | 299.3 <sup>7</sup>                                   | 279.5                        | 239.1                          | 287.6                              | 308                          | 360                            |
| Netherlands.....                | 42.2   | 40.8                         | 36.6                           | 3.136                              | 3.2447                       | 3.62                           |
| Norway.....                     | 13.2   | 14.1                         | 13.1                           | 7.108                              | 6.64539                      | 7.14286                        |
| United Kingdom.....             | 172.0  | 151.6                        | 139.6                          | 0.3383                             | 0.383772 <sup>6</sup>        | 0.416667                       |
| West Germany <sup>8</sup> ..... | 216.6  | 242.5                        | 213.5                          | 3.607                              | 3.2225                       | 3.66                           |

<sup>1</sup> For the individual European OECD countries, the ratios for converting gross national product (GNP) in national currencies at 1971 prices into 1971 US dollars on the basis of US purchasing power equivalents are derived from the 1950 ratios in Milton Gilbert and Associates, **Comparative National Products and Price Levels**, OEEC, Paris, 1958, using the geometric mean of European and US weighted ratios. These 1950 ratios were moved to 1971 by applying the following factor: the derived price indexes for each European country for 1950-71 divided by a derived price index for the United States for 1950-71. These price indexes were derived for each country by dividing the growth of GNP in current prices by the growth of GNP in constant prices. The ratios thus obtained were applied to the GNP values, given in the national currencies in 1971 prices.

<sup>2</sup> GNP in national currencies converted to US dollars using central exchange rates.

<sup>3</sup> GNP in national currencies converted to US dollars using par value exchange rates.

<sup>4</sup> Exchange rate as of May 1972.

<sup>5</sup> Exchange rate as of April 1971.

<sup>6</sup> Par value rate.

<sup>7</sup> Converted at US purchasing power equivalents in approximately the same manner as the data for the European countries.

<sup>8</sup> Including data for West Berlin.

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Table 3

Gross National Product, by End Use, in the US and the USSR  
1971

|                           | Billion 1971 US \$ <sup>1</sup> |                     | USSR as<br>a Percent<br>of US |
|---------------------------|---------------------------------|---------------------|-------------------------------|
|                           | US                              | USSR                |                               |
| Consumption.....          | 731.2                           | 299.9*              | 41*                           |
| New fixed investment..... | 181.6                           | 186.6*              | 103*                          |
| Defense.....              | 70.0                            | 70.3*               | 100*                          |
| Other.....                | 67.6                            | 54.9*               | 81*                           |
| GNP.....                  | 1,050.4                         | 569.6* <sup>2</sup> | 54*                           |

\*An asterisk indicates that the data are CONFIDENTIAL.

<sup>1</sup> US market prices. Total Soviet gross national product (GNP) and the various end uses were converted to dollars not by the official rate of exchange but by the average purchasing power ratio of the dollar and the ruble calculated from actual or estimated prices paid for various goods and services in the two economies. For GNP as a whole and for each end use component of GNP, these average ratios (ruble-dollar ratios) were estimated by weighting individual price ratios by both US and Soviet expenditure weights. The geometric mean of the US weighted and Soviet weighted ratios was then used for the conversion of Soviet values into dollars.

The magnitudes for the Soviet end use components were calculated to measure quantity of output compared with the United States but not the cost in resources. The share of total economic resources devoted to a particular end use or the share of total output originating in an individual sector (for example, agriculture or industry) in the USSR should be measured in internal ruble prices and costs. Agriculture alone, for example, used 29% of the labor force, or 37 million people, as a result of the inefficiency of that sector in the USSR.

The adjusted end uses of GNP are defined as follows:

(1) Consumption comprises personal expenditures for goods and services for all purposes and noninvestment outlays by government for goods and services for health and education. (The personal consumption expenditures for the United States are \$664.9 billion.)

(2) Investment is defined (a) for both the United States and the USSR as the sum of expenditures for gross private domestic investment net of inventories; for public construction other than that for defense facilities; for equipment purchased by the government except that for defense; and for defense stockpiling and defense-production expansion; and (b) for the United States, as also including expenditures by state and local government for development of atomic energy. (The gross private domestic investment for the United States is \$152.0 billion.)

(3) Defense as a component of GNP comprises government purchases of goods and services for the military services, federal government expenditures on atomic energy development, and outlays on space research and technology. Defense excludes stockpiling activities and net military grants for foreign military assistance. (The federal government purchases of goods and services for national defense, excluding purchases by NASA, for the United States are \$71.4 billion.)

(4) Other for the USSR includes expenditures on civil space programs, inventory change, administration, net exports, and a statistical discrepancy. Administration includes expenditures on civilian internal security, general agricultural programs, public organizations, government administration, and social welfare. Other for the United States includes administration, net exports and military assistance, change in inventories and stockpiles, and a statistical discrepancy. Administration is the residual left after all current expenditures for national defense, health, education, and all capital expenditures are subtracted from government purchases of goods and services. (There is no equivalent category for the unadjusted data for the United States.)

<sup>2</sup> The sum of the end use components of Soviet GNP, valued in dollars, does not equal the dollar value of aggregate GNP, because of the use of average ruble-dollar ratios in converting from ruble values to dollar values. Nevertheless, the individual end use components were not adjusted to agree with the total, since the US-USSR comparisons shown are believed to give the best available description of relative size.

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Table 4  
International Reserves <sup>1</sup>

|                     | Million US \$ |        |        |                   |
|---------------------|---------------|--------|--------|-------------------|
|                     | 1960          | 1965   | 1970   | 1972              |
| OECD                |               |        |        |                   |
| United States.....  | 19,359        | 15,450 | 14,487 | 13,150            |
| Australia.....      | 855           | 1,493  | 1,693  | 6,141             |
| Austria.....        | 716           | 1,305  | 1,751  | 2,719             |
| Canada.....         | 1,991         | 3,037  | 4,679  | 6,050             |
| Japan.....          | 1,949         | 2,152  | 4,840  | 18,365            |
| Portugal.....       | 637           | 938    | 1,504  | 2,312             |
| Spain.....          | 541           | 1,422  | 1,817  | 5,014             |
| Switzerland.....    | 2,324         | 3,444  | 5,132  | 7,488             |
| European Community  |               |        |        |                   |
| Belgium.....        | 1,506         | 2,334  | 2,847  | 3,870             |
| France.....         | 2,272         | 6,343  | 4,960  | 10,015            |
| Italy.....          | 3,251         | 4,800  | 5,352  | 6,079             |
| Netherlands.....    | 1,863         | 2,416  | 3,234  | 4,785             |
| United Kingdom..... | 3,719         | 3,004  | 2,827  | 5,645             |
| West Germany.....   | 7,032         | 7,430  | 13,610 | 23,292            |
| Latin America       |               |        |        |                   |
| Brazil.....         | 345           | 484    | 1,187  | 4,183             |
| Middle East         |               |        |        |                   |
| Kuwait.....         | N.A.          | 930    | 1,380  | 2,200             |
| Saudi Arabia.....   | 185           | 726    | 662    | 2,512             |
| Africa              |               |        |        |                   |
| Libya.....          | 82            | 246    | 1,590  | 2,925             |
| Communist Countries |               |        |        |                   |
| USSR.....           | 2,470*        | 1,010* | 1,780* | 2,210*            |
| China.....          | 420*          | 450*   | 720*   | 760* <sup>2</sup> |
| Yugoslavia.....     | 13            | 103    | 140    | 730               |

\*An asterisk indicates that the data are CONFIDENTIAL.

<sup>1</sup> Including gold and foreign exchange. Data for the non-Communist countries also include Special Drawing Rights and the reserve position in the International Monetary Fund. Data before 1972 for the non-Communist countries are expressed in terms of US dollars at the official par values and, beginning in 1972, reflect the realignment of the exchange rates agreed to on 18 December 1971 and the revaluation of the dollar price of gold.

<sup>2</sup> Data are for 1971.



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Table 5

Current Account Balance<sup>1</sup>

Million US \$

|                            | 1960             | 1965             | 1970  | 1972              |
|----------------------------|------------------|------------------|-------|-------------------|
| OECD                       |                  |                  |       |                   |
| United States.....         | 3,479            | 6,070            | 2,089 | -5,776            |
| Canada.....                | -1,208           | -959             | 1,185 | -362              |
| Japan.....                 | 224              | 1,028            | 2,149 | 6,988             |
| European Community         |                  |                  |       |                   |
| Belgium <sup>2</sup> ..... | 102              | 152              | 744   | N.A.              |
| Denmark.....               | -62              | -174             | -544  | -100 <sup>3</sup> |
| France.....                | 855 <sup>4</sup> | 823 <sup>4</sup> | 69    | 880               |
| Ireland.....               | -2               | -114             | -160  | -140              |
| Italy.....                 | 372              | 2,353            | 761   | 2,740             |
| Netherlands.....           | 345              | 24               | -497  | 1,007             |
| United Kingdom.....        | -478             | 358              | 2,047 | 545               |
| West Germany.....          | 1,070            | -1,681           | 681   | 532               |

<sup>1</sup> Unless otherwise indicated, data exclude government grants.<sup>2</sup> Including data for Luxembourg.<sup>3</sup> Including government grants.<sup>4</sup> Balance between France and non-franc countries.

Table 6

## Basic Balance

Million US \$

|                              | 1960             | 1965               | 1970   | 1972   |
|------------------------------|------------------|--------------------|--------|--------|
| OECD                         |                  |                    |        |        |
| United States.....           | -1,174           | -1,846             | -3,059 | -9,243 |
| Canada.....                  | -250             | -160               | 1,896  | 1,411  |
| Japan.....                   | 72               | 517                | 379    | 2,184  |
| European Community           |                  |                    |        |        |
| Belgium <sup>1,2</sup> ..... | 210              | 176                | 464    | N.A.   |
| Denmark <sup>3</sup> .....   | -25              | 20                 | 6      | N.A.   |
| France.....                  | 906 <sup>3</sup> | 1,052 <sup>3</sup> | -101   | -432   |
| Ireland.....                 | -3               | -100               | -34    | N.A.   |
| Italy <sup>4</sup> .....     | 606              | 2,480              | 2,047  | 2,040  |
| Netherlands.....             | -164             | -48                | 507    | 866    |
| United Kingdom.....          | -1,280           | -773               | 1,104  | -2,048 |
| West Germany.....            | 1,444            | 31                 | 2,175  | 6,472  |

<sup>1</sup> Including data for Luxembourg.<sup>2</sup> Overall balance including errors and omissions.<sup>3</sup> Balance between France and non-franc countries.<sup>4</sup> Excluding some long-term investment resulting from use of repatriated Italian banknotes.

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Table 7  
Index of Industrial Production<sup>1</sup>

|                          | 1960 = 100 |       |         |                   | Average Annual<br>Rate of Growth <sup>2</sup><br>(Percent) |         |                   |
|--------------------------|------------|-------|---------|-------------------|--|---------|-------------------|
|                          | 1960       | 1965  | 1970    | 1972 <sup>3</sup> | 1961-65  | 1966-70 | 1972 <sup>3</sup> |
| OECD                     |            |       |         |                   |  |         |                   |
| United States.....       | 100        | 135   | 161     | 173               | 6.2  | 3.6     | 7.5               |
| Canada.....              | 100        | 140   | 181     | 201               | 7.0  | 5.3     | 6.3               |
| Japan.....               | 100        | 172   | 352     | 388               | 11.5   | 15.4    | 7.2               |
| European Community       |            |       |         |                   |  |         |                   |
| France.....              | 100        | 128   | 176     | 200               | 5.1  | 6.6     | 6.9               |
| Italy.....               | 100        | 139   | 197     | 197               | 6.8  | 7.2     | 2.7               |
| United Kingdom.....      | 100        | 116   | 132     | 137               | 3.0  | 2.6     | 3.2               |
| West Germany.....        | 100        | 132   | 176     | 186               | 5.7  | 5.9     | 3.9               |
| Communist Countries      |            |       |         |                   |  |         |                   |
| USSR and Eastern Europe  |            |       |         |                   |  |         |                   |
| USSR <sup>4</sup> .....  | 100*       | 139*  | 190*    | 211*              | 6.8*   | 6.5*    | 5.0*              |
| Eastern Europe.....      | 100        | 133   | 186     | 210               | 5.9  | 6.9     | 6.4               |
| Bulgaria.....            | 100        | 174   | 293     | 344               | 11.7   | 11.0    | 7.2               |
| Czechoslovakia.....      | 100        | 120   | 156     | 172               | 3.7  | 5.4     | 4.3               |
| East Germany.....        | 100        | 119   | 155     | 172               | 3.5  | 5.4     | 5.5               |
| Hungary.....             | 100        | 139   | 178     | 197               | 6.8  | 5.1     | 4.0               |
| Poland.....              | 100        | 139   | 195     | 228               | 6.8  | 7.0     | 9.0               |
| Romania.....             | 100        | 167   | 274     | 326               | 10.8   | 10.4    | 9.5               |
| Far East                 |            |       |         |                   |  |         |                   |
| China <sup>5</sup> ..... | 100        | 92-99 | 129-148 | 157-183           | -2 to 0  | 7 to 8  | 8 to 9            |
| Other                    |            |       |         |                   |  |         |                   |
| Yugoslavia.....          | 100        | 164   | 223     | 266               | 10.4   | 6.3     | 8.0               |

\*An asterisk indicates that the data are CONFIDENTIAL.

<sup>1</sup> Indexes for the non-Communist countries are value-added weighted indexes of intermediate and final products of industry. Industry includes manufacturing and mining and, in most countries, public utilities. The indexes for the Communist countries are estimates of this Office—constructed as nearly as possible on the same basis as the indexes for Western countries—or other calculations accepted by this Office. The indexes for the Communist countries include manufacturing, mining, and public utilities.

<sup>2</sup> The base year is the year prior to the stated period.

<sup>3</sup> Preliminary.

<sup>4</sup> Index of gross values for individual commodities and branches aggregated by 1968 value-added weights. The three sectors covered—materials, machinery, and nondurable consumer goods—constitute 50.14%, 30.11%, and 19.75%, respectively, of the value-added weights for industrial production. This index is as comparable as data will permit with the index of US industrial production of the US Federal Reserve Board.

<sup>5</sup> Estimates of this Office computed by applying value-added weights to data for commodity production. The data are fragmentary and uncertain; therefore, the index should be regarded as providing only a tentative indication of the general level and trend in production.

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Table 8

Official Communist Indexes of Gross Industrial Production <sup>1</sup>

|                            | 1960 = 100 |      |                  |                  | Average Annual Rate of Growth <sup>2</sup> (Percent) |                   |                   |
|----------------------------|------------|------|------------------|------------------|--|-------------------|-------------------|
|                            | 1960       | 1965 | 1970             | 1972             | 1961-65  | 1966-70           | 1972              |
| Communist Countries        |            |      |                  |                  |  |                   |                   |
| USSR and Eastern Europe    |            |      |                  |                  |  |                   |                   |
| USSR.....                  | 100        | 151  | 227              | 261              | 8.6  | 8.5               | 6.5               |
| Eastern Europe             |            |      |                  |                  |  |                   |                   |
| Bulgaria.....              | 100        | 174  | 293              | 349              | 11.7   | 11.0              | 9.4               |
| Czechoslovakia.....        | 100        | 130  | 180              | 204              | 5.4  | 6.7               | 6.4               |
| East Germany.....          | 100        | 133  | 183              | 205              | 5.9  | 6.6               | 6.2               |
| Hungary.....               | 100        | 145  | 196              | 216              | 7.7  | 6.2               | 5.6               |
| Poland.....                | 100        | 150  | 223              | 266              | 8.4  | 8.3               | 10.7              |
| Romania.....               | 100        | 191  | 334              | 417              | 13.8   | 11.8              | 11.7              |
| Far East                   |            |      |                  |                  |  |                   |                   |
| North Korea.....           | 100        | 198  | 332              | N.A.             | 14.6   | 10.9              | N.A.              |
| North Vietnam.....         | 100        | 184  | 157 <sup>3</sup> | N.A.             | 13.0   | -3.1 <sup>3</sup> | N.A.              |
| Other                      |            |      |                  |                  |  |                   |                   |
| Albania <sup>4</sup> ..... | 100        | 139  | 254 <sup>3</sup> | 310 <sup>3</sup> | 6.8  | 12.8 <sup>3</sup> | 10.0 <sup>3</sup> |

<sup>1</sup> These indexes are measures of the "gross" value of production of industry at constant prices. The gross value of production is, in general, the sum of the value of output of all industrial enterprises. The definition of industry in Communist countries includes not only manufacturing, mining, and public utilities, as in most Western definitions of industry, but also certain other activities (varying from country to country).

<sup>2</sup> The base year is the year prior to the stated period.

<sup>3</sup> Estimated.

<sup>4</sup> Socialized industry only.

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Table 9  
Indexes of Agricultural Production

|                                   | 1960 = 100 |      |      |            | Average Annual Rate of Growth <sup>1</sup><br>(Percent) |         |          |
|-----------------------------------|------------|------|------|------------|---|---------|----------|
|                                   | 1960       | 1965 | 1970 | 1972       | 1961-65   | 1966-70 | 1972     |
| Developed Countries.....          | 100        | 110  | 124  | 130 to 131 | 1.9   | 2.4     | 0 to -1  |
| United States <sup>2</sup> .....  | 100        | 108  | 113  | 124        | 1.6   | 0.9     | 0.9      |
| Australia.....                    | 100        | 109  | 134  | 123 to 125 | 1.7   | 4.2     | -7 to -8 |
| Canada.....                       | 100        | 123  | 118  | 127        | 4.2   | -0.8    | -10      |
| European Community                |            |      |      |            |   |         |          |
| France.....                       | 100        | 114  | 126  | 143        | 2.7   | 2.0     | 6        |
| Italy.....                        | 100        | 119  | 132  | 129 to 130 | 3.5   | 2.1     | -2 to -3 |
| United Kingdom.....               | 100        | 118  | 128  | 137        | 3.4   | 1.6     | -1       |
| West Germany.....                 | 100        | 98   | 118  | 130 to 131 | -0.4  | 3.8     | 4 to 5   |
| Less Developed Countries.....     | 100        | 114  | 131  | 135 to 137 | 2.7   | 2.8     | 1 to 2   |
| Africa.....                       | 100        | 111  | 124  | 128 to 129 | 2.1   | 2.2     | 0 to 1   |
| Far East.....                     | 100        | 111  | 133  | 135 to 136 | 2.1   | 3.7     | 0 to -1  |
| Latin America.....                | 100        | 120  | 132  | 135 to 136 | 3.7   | 1.9     | 2 to 3   |
| Near East.....                    | 100        | 117  | 131  | 145 to 147 | 3.2   | 2.3     | 6 to 7   |
| Communist Countries               |            |      |      |            |   |         |          |
| USSR and Eastern Europe           |            |      |      |            |   |         |          |
| USSR <sup>3</sup> .....           | 100        | 115  | 144  | 135        | 2.8   | 4.6     | -6.9     |
| Eastern Europe <sup>4</sup> ..... | 100        | 107  | 116  | 131        | 1.4   | 1.6     | 7.0      |
| Bulgaria.....                     | 100        | 120  | 143  | 153        | 3.7   | 3.6     | 4.8      |
| Czechoslovakia.....               | 100        | 96   | 116  | 122        | 0.8   | 3.9     | 3.6      |
| East Germany.....                 | 100        | 104  | 107  | 119        | 0.8   | 0.6     | 9.4      |
| Hungary.....                      | 100        | 102  | 125  | 135        | 0.4   | 4.2     | 4.0      |
| Poland.....                       | 100        | 107  | 111  | 124        | 1.4   | 0.7     | 8.1      |
| Romania.....                      | 100        | 113  | 117  | 154        | 2.5   | 0.7     | 9.0      |

<sup>1</sup> The base year is the year prior to the stated period.

<sup>2</sup> Excluding production of seeds and of feed for horses and mules.

<sup>3</sup> The weights used to aggregate estimated agricultural output are the average prices realized by all producers for products sold in 1968.

<sup>4</sup> Estimates based on the value of crop production plus the value of livestock products, with allowance for changes in livestock numbers, but minus feed (including grain imported for feed), seed, and waste. FAO/OECD West European regional price weights (1952-56 average) were used to compute the indexes.

Table 10  
Defense Expenditures as a Share of Gross National Product

|                                  | Percent |      |      |      |
|----------------------------------|---------|------|------|------|
|                                  | 1965    | 1968 | 1969 | 1970 |
| OECD <sup>1</sup>                |         |      |      |      |
| Australia.....                   | 3.7     | 3.6  | 4.3  | 4.0  |
| Austria.....                     | 1.3     | 1.3  | 1.3  | 1.2  |
| Belgium.....                     | 3.0     | 2.9  | 2.7  | 2.8  |
| Canada.....                      | 3.2     | 2.7  | 2.4  | 2.4  |
| Denmark.....                     | 2.9     | 2.8  | 2.5  | 2.3  |
| Finland.....                     | 1.7     | 2.0  | 1.5  | 1.4  |
| France.....                      | 5.5     | 4.8  | 4.4  | 4.1  |
| Greece.....                      | 5.4     | 4.8  | 5.1  | 5.2  |
| Ireland.....                     | 1.2     | 1.0  | 1.1  | 0.9  |
| Italy.....                       | 3.4     | 3.0  | 2.8  | 2.7  |
| Japan.....                       | 0.9     | 0.8  | 0.8  | 0.8  |
| Luxembourg.....                  | 1.7     | 1.0  | 1.0  | 0.8  |
| Netherlands.....                 | 3.9     | 3.6  | 3.6  | 3.5  |
| Norway.....                      | 3.7     | 3.7  | 3.6  | 3.5  |
| Portugal.....                    | 6.3     | 7.4  | 6.8  | 6.9  |
| Spain.....                       | 2.6     | 3.6  | 3.3  | 3.6  |
| Sweden.....                      | 4.4     | 3.7  | 3.9  | 3.6  |
| Switzerland.....                 | 2.6     | 2.1  | 2.2  | 2.1  |
| Turkey.....                      | 5.2     | 4.9  | 4.7  | 4.8  |
| United Kingdom.....              | 5.9     | 5.4  | 5.0  | 5.0  |
| United States <sup>2</sup> ..... | 7.8     | 9.7  | 8.8  | 7.8  |
| West Germany <sup>3</sup> .....  | 4.4     | 3.6  | 3.7  | 3.3  |
| Communist Countries              |         |      |      |      |
| USSR and Eastern Europe          |         |      |      |      |
| USSR <sup>4</sup> .....          | 6.9*    | 6.4* | 6.3* | 6.0* |
| Eastern Europe <sup>5</sup>      |         |      |      |      |
| Bulgaria.....                    | 2.5*    | N.A. | N.A. | 2.5* |
| Czechoslovakia.....              | 4.4*    | N.A. | N.A. | 5.0* |
| East Germany.....                | 4.0*    | N.A. | N.A. | 5.1* |
| Hungary.....                     | 3.3*    | N.A. | N.A. | 4.1* |
| Poland.....                      | 4.9*    | N.A. | N.A. | 6.1* |
| Romania.....                     | 2.2*    | N.A. | N.A. | 2.5* |
| Other                            |         |      |      |      |
| Yugoslavia <sup>1</sup> .....    | 2.7     | 2.8  | 3.3  | 3.5  |

\*An asterisk indicates that the data are CONFIDENTIAL.

<sup>1</sup> Except for the United States, data are from the United States Arms Control and Disarmament Agency, **World Military Expenditures, 1971**, Washington, D.C., July 1972. Based on the ratio of military expenditures to gross national product (GNP) at current market prices. Military expenditures are for current and capital expenditures to meet the needs of the armed forces including: expenditures of national defense agencies for military programs; expenditures for the military components of such mixed activities as atomic energy, space, and research and development; military assistance to foreign countries; and expenditures on paramilitary forces where they contribute substantially to a country's military capabilities.

<sup>2</sup> Based on the ratio of military expenditures to GNP in constant 1971 prices.

<sup>3</sup> Including data for West Berlin.

<sup>4</sup> Based on the ratio of military expenditures to GNP in constant 1968 prices.

<sup>5</sup> Based on the ratio of military expenditures to GNP in constant 1960 prices.

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**Table 11**  
**Consumer Price Index**

1960 = 100

|                             | 1960 | 1965 | 1970 | 1972             |
|-----------------------------|------|------|------|------------------|
| OECD                        |      |      |      |                  |
| United States.....          | 100  | 107  | 131  | 141              |
| Canada.....                 | 100  | 108  | 131  | 141              |
| Japan.....                  | 100  | 134  | 175  | 194              |
| European Community          |      |      |      |                  |
| Belgium.....                | 100  | 113  | 135  | 148              |
| France.....                 | 100  | 120  | 149  | 167              |
| Italy.....                  | 100  | 127  | 146  | 162              |
| Netherlands.....            | 100  | 119  | 152  | 176              |
| United Kingdom.....         | 100  | 119  | 149  | 174              |
| West Germany.....           | 100  | 115  | 131  | 145              |
| Communist Countries         |      |      |      |                  |
| USSR <sup>1</sup> .....     | 100  | 101  | 101  | 101              |
| Eastern Europe <sup>2</sup> |      |      |      |                  |
| Bulgaria <sup>3</sup> ..... | 100  | 106  | 109  | 110              |
| Czechoslovakia.....         | 100  | 103  | 111  | 111 <sup>4</sup> |
| East Germany.....           | 100  | 100  | 100  | 100 <sup>4</sup> |
| Hungary.....                | 100  | 103  | 108  | 113              |
| Poland.....                 | 100  | 111  | 120  | N.A.             |
| Romania <sup>3</sup> .....  | 100  | 107  | 115  | 116 <sup>4</sup> |
| Other                       |      |      |      |                  |
| Yugoslavia.....             | 100  | 190  | 312  | 422              |

<sup>1</sup> Average of the official state retail price index and the collective farm market price index weighted by their respective shares of retail purchases in 1960. Although the index does not reflect changes in prices of everything purchased by consumers (the official state retail price index does not include costs of housing and most consumer services such as laundry, transportation, recreation, household operation, and communications), the index since 1960 is a good representation of a consumer price index because prices of services were essentially constant during this period.

<sup>2</sup> All the indexes are highly suspect—particularly those for East Germany.

<sup>3</sup> Estimated.

<sup>4</sup> Data are for 1971.

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Table 12  
Wholesale Price Index

|                                   | 1960 = 100       |                 |      |                  |
|-----------------------------------|------------------|-----------------|------|------------------|
|                                   | 1960             | 1965            | 1970 | 1972             |
| OECD                              |                  |                 |      |                  |
| United States.....                | 100              | 102             | 116  | 125              |
| Canada.....                       | 100              | 108             | 124  | 134              |
| Japan.....                        | 100              | 102             | 114  | 114              |
| European Community                |                  |                 |      |                  |
| Belgium.....                      | 100              | 109             | 122  | 126              |
| France <sup>1</sup> .....         | 100              | 110             | 130  | 142              |
| Italy.....                        | 100              | 114             | 129  | 139              |
| Netherlands <sup>2</sup> .....    | 100              | 111             | 124  | 132              |
| United Kingdom <sup>2</sup> ..... | 100              | 113             | 135  | 154              |
| West Germany.....                 | 100              | 107             | 110  | 119              |
| Communist Countries               |                  |                 |      |                  |
| USSR <sup>3</sup> .....           | 100              | 98              | 106  | N.A.             |
| Eastern Europe                    |                  |                 |      |                  |
| Czechoslovakia <sup>4</sup> ..... | 100              | 106             | 148  | 149 <sup>5</sup> |
| Hungary <sup>6</sup> .....        | 100 <sup>7</sup> | 92 <sup>8</sup> | 102  | 106              |
| Other                             |                  |                 |      |                  |
| Yugoslavia <sup>9</sup> .....     | 100              | 127             | 163  | 210              |

<sup>1</sup> Intermediate goods prices.<sup>2</sup> Industrial goods prices.<sup>3</sup> Industrial goods prices, including turnover tax.<sup>4</sup> Assumed to include turnover tax.<sup>5</sup> Data are for 1971.<sup>6</sup> Producers' goods prices, excluding turnover tax.<sup>7</sup> Data are for 1959.<sup>8</sup> Data are for January 1967.<sup>9</sup> Industrial goods prices, excluding turnover tax.

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Table 13

Exchange Rates for Currencies of the Communist Countries  
as of 1 April 1973

| Unit of Currency    |                         | Exchange Rate                   |   |                                 |   |
|---------------------|-------------------------|---------------------------------|---|---------------------------------|---|
|                     |                         | In Terms of US \$1 <sup>1</sup> |   | In Terms of 1 Ruble             |   |
|                     |                         | Commercial<br>Rate <sup>2</sup> | Noncom-<br>mercial<br>Rate <sup>3</sup> | Commercial<br>Rate <sup>2</sup> | Noncom-<br>mercial<br>Rate <sup>3</sup> |
| USSR.....           | Ruble.....              | 0.75                            | 0.75                                    |                                 |   |
| Eastern Europe      |                         |                                 |   |                                 |   |
| Bulgaria.....       | Lev.....                | 0.98                            | 1.65                                    | 1.3                             | 0.78                                    |
| Czechoslovakia..... | Koruna.....             | 5.80                            | 15.00 <sup>4</sup>                      | 8.0                             | 9.66                                    |
| East Germany.....   | Deutsche Mark East..... | 2.80 <sup>5</sup>               | 2.80                                    | 4.67 <sup>5</sup>               | 3.20                                    |
| Hungary.....        | Forint.....             | 9.72                            | 24.8                                    | 13.04                           | 13.11                                   |
| Poland.....         | Zloty.....              | 3.32                            | 19.92                                   | 4.44                            | 15.32                                   |
| Romania.....        | Leu.....                | 4.97                            | 16.00 <sup>4</sup>                      | 6.67                            | 8.31                                    |
| Far East            |                         |                                 |   |                                 |   |
| China.....          | Yuan.....               | 2                               | 2                                       | N.A.                            | N.A.                                    |
| North Korea.....    | Won.....                | 2.37 <sup>6</sup>               | 2.37 <sup>6</sup>                       | N.A.                            | N.A.                                    |
| North Vietnam.....  | Dong.....               | 2.8                             | N.A.                                    | N.A.                            | N.A.                                    |
| Other               |                         |                                 |   |                                 |   |
| Albania.....        | Lek.....                | 5 <sup>4</sup>                  | 12.5 <sup>4</sup>                       | 5.56                            | 8.4                                     |
| Cuba.....           | Peso.....               | 1.21                            | 1.21                                    | 1.11                            | 1.11                                    |
| Mongolia.....       | Tugrik.....             | 3.31                            | N.A.                                    | N.A.                            | N.A.                                    |
| Yugoslavia.....     | Dinar.....              | 17.0                            | 17.0                                    | 16.7                            | 16.7                                    |

<sup>1</sup> Since the December 1971 devaluation of the US dollar, the Communist countries have frequently adjusted their exchange rates relative to the dollar. Changes in the exchange rates reflect the position of the dollar relative to other Western currencies.

<sup>2</sup> Official rates unless otherwise indicated. These rates are used for converting trade statistics.

<sup>3</sup> Rates used for noncommercial transactions such as diplomatic, tourist, and student expenditures; personal remittances; and the like. Some countries have special rates for tourists and personal remittances in addition to the noncommercial rate.

<sup>4</sup> Pre-1973 devaluation rate the postdevaluation rate is unknown.

<sup>5</sup> The unofficial rates actually used in East German accounting of foreign trade transactions. Official rates still listed, but not used, are 2.05 DME to US \$1 and 2.47 DME to 1 ruble.

<sup>6</sup> Based on the cross rate of exchange between the won and the Japanese yen in early 1972.

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Table 14

Currency Movements from Smithsonian Rates

|   | Smithsonian<br>Rate<br>(Units per<br>US\$1) | Percent Change During 1973 |          |          |          |        |        |        |         |
|---|---|----------------------------|----------|----------|----------|--------|--------|--------|---------|
|   |   | 16 March                   | 30 March | 13 April | 27 April | 11 May | 25 May | 8 June | 22 June |
| Currencies in European float            |   |                            |          |          |          |        |        |        |         |
| Belgian franc.....                      | 44.82                                       | +13.83                     | +12.08   | +11.89   | +11.21   | +12.11 | +15.25 | +18.39 | +20.23  |
| Danish krone.....                       | 6.98  | +13.68                     | +12.50   | +12.52   | +11.79   | +11.79 | +15.14 | +18.49 | +20.34  |
| French franc.....                       | 5.12  | +13.68                     | +12.80   | +12.59   | +11.12   | +11.88 | +14.73 | +18.48 | +21.41  |
| German deutsche mark....                | 3.22  | +14.86                     | +13.58   | +13.79   | +13.60   | +13.59 | +16.76 | +22.91 | +26.60  |
| Netherlands guilder.....                | 3.24  | +12.76                     | +10.27   | +10.30   | +9.54    | +10.41 | +13.37 | +16.81 | +19.93  |
| Norwegian krone.....                    | 6.65  | +12.63                     | +12.59   | +12.73   | +11.83   | +12.69 | +16.28 | +19.46 | +21.74  |
| Swedish krona.....                      | 4.81  | +9.14                      | +7.10    | +6.83    | +6.35    | +6.73  | +9.96  | +13.57 | +14.66  |
| Major independently floating currencies |   |                            |          |          |          |        |        |        |         |
| Japanese yen.....                       | 581.5                                       | +1.57                      | +0.52    | -0.92    | -1.51    | -1.57  | -1.22  | -3.38  | -2.84   |
| Swiss franc.....                        | 308   | +19.38                     | +15.82   | +15.88   | +16.07   | +16.11 | +16.38 | +16.45 | +16.17  |
| UK pound.....                           | 3.84  | +18.79                     | +18.57   | +18.82   | +18.47   | +18.66 | +23.00 | +24.88 | +26.49  |
|   | 0.384                                       | -5.36                      | -4.91    | -4.73    | -4.53    | -3.67  | -2.52  | -1.19  | -1.23   |

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Table 15

## Estimated Population

## Million Persons at Midyear

|                                | 1950         | 1955         | 1960         | 1965         | 1970         | 1972         | 1973         |
|--------------------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| <b>OECD</b>                    | <b>563</b>   | <b>599</b>   | <b>638</b>   | <b>677</b>   | <b>711</b>   | <b>724</b>   | <b>731</b>   |
| United States                  | 152.3        | 165.9        | 180.7        | 194.3        | 204.9        | 208.8        | 210.5        |
| Australia                      | 8.2          | 9.2          | 10.3         | 11.4         | 12.5         | 13.0         | 13.2         |
| Austria                        | 6.3          | 7.0          | 7.1          | 7.2          | 7.4          | 7.5          | 7.5          |
| Canada                         | 13.7         | 15.7         | 17.9         | 19.7         | 21.3         | 21.8         | 22.2         |
| Finland                        | 4.0          | 4.2          | 4.4          | 4.6          | 4.7          | 4.6          | 4.6          |
| Greece                         | 7.6          | 8.0          | 8.3          | 8.6          | 8.8          | 8.9          | 8.9          |
| Iceland                        | 0.1          | 0.2          | 0.2          | 0.2          | 0.2          | 0.2          | 0.2          |
| Japan                          | 82.9         | 89.0         | 93.2         | 98.0         | 103.4        | 106.0        | 107.3        |
| Norway                         | 3.3          | 3.4          | 3.6          | 3.7          | 3.9          | 3.9          | 4.0          |
| Portugal                       | 8.4          | 8.6          | 8.9          | 9.1          | 8.9          | 8.9          | 8.9          |
| Spain                          | 27.9         | 29.0         | 30.3         | 32.1         | 33.8         | 34.4         | 34.6         |
| Sweden                         | 7.0          | 7.3          | 7.5          | 7.7          | 8.0          | 8.1          | 8.1          |
| Switzerland                    | 4.7          | 5.0          | 5.4          | 6.0          | 6.3          | 6.4          | 6.4          |
| Turkey                         | 20.8         | 23.9         | 27.5         | 31.2         | 35.4         | 37.2         | 38.2         |
| <b>European Community</b>      | <b>215.6</b> | <b>223.0</b> | <b>232.4</b> | <b>243.6</b> | <b>251.5</b> | <b>254.7</b> | <b>256.4</b> |
| Belgium                        | 8.6          | 8.9          | 9.2          | 9.5          | 9.7          | 9.7          | 9.7          |
| Denmark                        | 4.3          | 4.4          | 4.6          | 4.8          | 4.9          | 5.0          | 5.0          |
| France                         | 41.7         | 43.4         | 45.7         | 48.8         | 50.8         | 51.7         | 52.2         |
| Ireland                        | 3.0          | 2.9          | 2.8          | 2.9          | 3.0          | 3.0          | 3.1          |
| Italy                          | 47.1         | 48.7         | 50.3         | 51.9         | 53.6         | 54.2         | 54.6         |
| Luxembourg                     | 0.3          | 0.3          | 0.3          | 0.3          | 0.3          | 0.3          | 0.3          |
| Netherlands                    | 10.1         | 10.8         | 11.5         | 12.3         | 13.0         | 13.3         | 13.5         |
| United Kingdom                 | 50.6         | 51.2         | 52.6         | 54.4         | 55.5         | 55.8         | 56.0         |
| West Berlin                    | 2.1          | 2.2          | 2.2          | 2.2          | 2.1          | 2.1          | 2.1          |
| West Germany <sup>1</sup>      | 47.8         | 50.2         | 53.2         | 56.5         | 58.6         | 59.6         | 59.9         |
| <b>Communist Countries</b>     | <b>863</b>   | <b>950</b>   | <b>1,050</b> | <b>1,138</b> | <b>1,248</b> | <b>1,297</b> | <b>1,322</b> |
| <b>USSR and Eastern Europe</b> | <b>269</b>   | <b>289</b>   | <b>311</b>   | <b>331</b>   | <b>346</b>   | <b>352</b>   | <b>355</b>   |
| USSR                           | 180.1        | 196.2        | 214.3        | 230.9        | 242.8        | 247.5        | 250.0        |
| <b>Eastern Europe</b>          | <b>88.5</b>  | <b>92.9</b>  | <b>96.5</b>  | <b>99.8</b>  | <b>102.9</b> | <b>104.2</b> | <b>104.9</b> |
| Bulgaria                       | 7.3          | 7.5          | 7.9          | 8.2          | 8.5          | 8.6          | 8.7          |
| Czechoslovakia                 | 12.4         | 13.1         | 13.7         | 14.1         | 14.3         | 14.5         | 14.6         |
| East Germany                   | 18.4         | 17.8         | 17.1         | 17.0         | 17.1         | 17.0         | 17.1         |
| Hungary                        | 9.3          | 9.8          | 10.0         | 10.2         | 10.3         | 10.4         | 10.4         |
| Poland                         | 24.8         | 27.3         | 29.6         | 31.2         | 32.5         | 33.0         | 33.3         |
| Romania                        | 16.3         | 17.3         | 18.4         | 19.0         | 20.3         | 20.7         | 20.9         |
| <b>Far East</b>                | <b>571</b>   | <b>634</b>   | <b>711</b>   | <b>777</b>   | <b>870</b>   | <b>912</b>   | <b>934</b>   |
| China                          | 547          | 611          | 685          | 747          | 837          | 878          | 899          |
| North Korea                    | 9.2          | 8.9          | 10.6         | 12.2         | 14.2         | 15.1         | 15.5         |
| North Vietnam                  | 14.7         | 14.9         | 16.0         | 18.0         | 19.3         | 19.7         | 19.9         |
| <b>Other</b>                   | <b>23.8</b>  | <b>26.0</b>  | <b>28.0</b>  | <b>30.3</b>  | <b>32.3</b>  | <b>33.1</b>  | <b>33.5</b>  |
| Albania                        | 1.2          | 1.4          | 1.6          | 1.9          | 2.1          | 2.3          | 2.3          |
| Cuba                           | 5.5          | 6.2          | 7.1          | 7.9          | 8.5          | 8.8          | 8.9          |
| Mongolia                       | 0.8          | 0.8          | 1.0          | 1.1          | 1.2          | 1.3          | 1.4          |
| Yugoslavia                     | 16.3         | 17.5         | 18.4         | 19.4         | 20.4         | 20.7         | 20.9         |

<sup>1</sup> Excluding data for West Berlin.

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Table 16

Labor Force <sup>1</sup>

Million Persons at Midyear

|                                  | 1960  | 1965  | 1970  | 1972  |
|----------------------------------|-------|-------|-------|-------|
| United States <sup>2</sup> ..... | 72.1  | 77.2  | 85.9  | 89.0  |
| Communist Countries              |       |       |       |       |
| USSR and Eastern Europe.....     | 159   | 168   | 176   | 181   |
| USSR <sup>3</sup> .....          | 110.6 | 117.9 | 124.2 | 128.1 |
| Eastern Europe.....              | 48.2  | 49.7  | 52.1  | 53.0  |
| Bulgaria.....                    | 4.42  | 4.26  | 4.49  | 4.60  |
| Czechoslovakia.....              | 6.40  | 6.77  | 7.26  | 7.39  |
| East Germany.....                | 8.51  | 8.39  | 8.44  | 8.48  |
| Hungary.....                     | 4.74  | 4.78  | 5.01  | 5.07  |
| Poland.....                      | 14.13 | 15.21 | 16.35 | 16.76 |
| Romania.....                     | 10.00 | 10.27 | 10.56 | 10.72 |
| Far East                         |       |       |       |       |
| China <sup>4</sup> .....         | 307   | 328   | N.A.  | N.A.  |
| North Korea <sup>4</sup> .....   | 4.6   | 5.3   | 5.9   | 6.4   |
| North Vietnam <sup>4</sup> ..... | 8.2   | 9.4   | 9.7   | 10.0  |
| Other                            |       |       |       |       |
| Albania.....                     | 0.73  | 0.82  | 0.94  | 1.00  |
| Yugoslavia.....                  | 8.27  | 8.77  | 8.78  | 8.88  |

<sup>1</sup> Unless otherwise indicated, data include the armed forces and the unemployed.

<sup>2</sup> Annual averages of monthly data.

<sup>3</sup> Excluding militarized security forces. Adjusted annual average.

<sup>4</sup> Excluding the armed forces.

Table 17

Nonagricultural Labor Force <sup>1</sup>

Million Persons at Midyear

|                                  | 1960 | 1965 | 1970  | 1972  |
|----------------------------------|------|------|-------|-------|
| United States <sup>2</sup> ..... | 60.3 | 66.7 | 75.2  | 78.2  |
| Communist Countries              |      |      |       |       |
| USSR and Eastern Europe.....     | 91.4 | 107  | 122   | 129   |
| USSR <sup>3</sup> .....          | 64.0 | 75.5 | 86.7  | 92.2  |
| Eastern Europe.....              | 27.4 | 31.1 | 35.2  | 36.7  |
| Bulgaria.....                    | 1.93 | 2.34 | 2.87  | 3.06  |
| Czechoslovakia.....              | 4.71 | 5.30 | 5.87  | 6.04  |
| East Germany.....                | 6.95 | 7.00 | 7.38  | 7.46  |
| Hungary.....                     | 2.99 | 3.35 | 3.75  | 3.91  |
| Poland.....                      | 7.47 | 8.82 | 10.22 | 10.73 |
| Romania.....                     | 3.37 | 4.31 | 5.08  | 5.54  |
| Far East                         |      |      |       |       |
| China <sup>4</sup> .....         | 53   | 47   | N.A.  | N.A.  |
| North Korea <sup>4</sup> .....   | 2.1  | 2.6  | 3.0   | 3.3   |
| North Vietnam <sup>4</sup> ..... | 1.8  | 2.4  | 2.9   | 3.2   |
| Other                            |      |      |       |       |
| Albania.....                     | 0.22 | 0.27 | 0.40  | 0.46  |
| Yugoslavia.....                  | 3.50 | 4.30 | 4.79  | 5.06  |

<sup>1</sup> Unless otherwise indicated, data include the armed forces.

<sup>2</sup> Civilian employment. The data are annual averages of monthly data that exclude the armed forces.

<sup>3</sup> Excluding militarized security forces. Adjusted annual average.

<sup>4</sup> Excluding the armed forces.

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Table 18

Industrial Labor Force <sup>1</sup>

Million Persons at Midyear

|                                  | 1960 | 1965 | 1970 | 1972 |
|----------------------------------|------|------|------|------|
| United States <sup>2</sup> ..... | 17.5 | 18.7 | 20.0 | 19.5 |
| Communist Countries              |      |      |      |      |
| USSR and Eastern Europe.....     | 35.5 | 41.9 | 48.0 | 49.6 |
| USSR <sup>3</sup> .....          | 22.6 | 27.4 | 31.6 | 32.4 |
| Eastern Europe.....              | 12.9 | 14.5 | 16.4 | 17.2 |
| Bulgaria.....                    | 0.93 | 1.12 | 1.32 | 1.39 |
| Czechoslovakia.....              | 2.38 | 2.59 | 2.76 | 2.82 |
| East Germany.....                | 3.49 | 3.42 | 3.55 | 3.57 |
| Hungary.....                     | 1.37 | 1.58 | 1.88 | 1.98 |
| Poland.....                      | 3.19 | 3.87 | 4.55 | 4.83 |
| Romania.....                     | 1.58 | 1.96 | 2.37 | 2.64 |
| Far East                         |      |      |      |      |
| North Vietnam.....               | 0.5  | 0.9  | 1.0  | 1.0  |
| Other                            |      |      |      |      |
| Albania.....                     | 0.09 | 0.11 | 0.18 | 0.20 |
| Yugoslavia.....                  | 1.50 | 1.83 | 1.98 | 2.07 |

<sup>1</sup> Including employment in manufacturing, mining, and electric power.<sup>2</sup> Annual averages of monthly employment data.<sup>3</sup> Adjusted annual average.

Table 19

Agricultural Labor Force <sup>1</sup>

Million Persons at Midyear

|                                  | 1960 | 1965 | 1970 | 1972 |
|----------------------------------|------|------|------|------|
| United States <sup>2</sup> ..... | 7.06 | 5.61 | 4.52 | 4.39 |
| Communist Countries              |      |      |      |      |
| USSR and Eastern Europe.....     | 67.4 | 60.9 | 54.4 | 52.3 |
| USSR <sup>3</sup> .....          | 46.6 | 42.3 | 37.5 | 36.0 |
| Eastern Europe.....              | 20.8 | 18.6 | 16.9 | 16.3 |
| Bulgaria.....                    | 2.49 | 1.93 | 1.62 | 1.53 |
| Czechoslovakia.....              | 1.68 | 1.48 | 1.39 | 1.36 |
| East Germany.....                | 1.56 | 1.38 | 1.06 | 1.03 |
| Hungary.....                     | 1.75 | 1.42 | 1.26 | 1.16 |
| Poland.....                      | 6.66 | 6.39 | 6.13 | 6.03 |
| Romania.....                     | 6.62 | 5.97 | 5.48 | 5.18 |
| Far East                         |      |      |      |      |
| China.....                       | 254  | 281  | N.A. | N.A. |
| North Korea.....                 | 2.5  | 2.7  | 2.8  | 3.1  |
| North Vietnam.....               | 6.4  | 7.0  | 6.8  | 6.8  |
| Other                            |      |      |      |      |
| Albania.....                     | 0.51 | 0.55 | 0.54 | 0.55 |
| Yugoslavia.....                  | 4.78 | 4.47 | 3.99 | 3.82 |

<sup>1</sup> Excluding the armed forces.<sup>2</sup> Data are for civilian employment and are based on data published by the US Department of Agriculture.<sup>3</sup> Excluding militarized security forces.

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Table 20

## United States: Selected Economic Data

|   | Unit of Measure             | 1960 | 1965  | 1970  | 1972  |
|---|-----------------------------|------|-------|-------|-------|
| Aggregative data                                  |                             |      |       |       |       |
| Gross national product.....                       | Billion 1971 US \$.....     | 691  | 875   | 1,022 | 1,118 |
| Index of industrial production.....               | 1960 = 100.....             | 100  | 135   | 161   | 173   |
| Total population (midyear).....                   | Million persons.....        | 181  | 194   | 205   | 209   |
| Labor force <sup>1</sup> .....                    | Million persons.....        | 72.1 | 77.2  | 85.9  | 89.0  |
| Fuels and power                                   |                             |      |       |       |       |
| Primary energy (coal equivalents <sup>2</sup> ).. | Billion metric tons.....    | 1.43 | 1.72  | 2.17  | 2.18  |
| Electric power (gross).....                       | Trillion kilowatt-hours.... | 0.89 | 1.23  | 1.74  | 1.97  |
| Crude oil.....                                    | Million metric tons.....    | 348  | 385   | 475   | 467   |
| Metals  |                             |      |       |       |       |
| Crude steel <sup>3</sup> .....                    | Million metric tons.....    | 90.1 | 119.0 | 119.1 | 120.7 |
| Rolled steel.....                                 | Million metric tons.....    | 69.4 | 90.1  | 82.4  | 83.3  |
| Refined copper <sup>4</sup> .....                 | Million metric tons.....    | 1.64 | 1.96  | 2.03  | 2.01  |
| Primary aluminum.....                             | Million metric tons.....    | 1.83 | 2.50  | 3.61  | 3.74  |
| Agriculture                                       |                             |      |       |       |       |
| Grain <sup>5</sup> .....                          | Million metric tons.....    | 181  | 183   | 187   | 228   |
| Meat <sup>6</sup> .....                           | Million metric tons.....    | 12.8 | 14.3  | 16.4  | 16.8  |
| Manufactured items                                |                             |      |       |       |       |
| Sulfuric acid (100%).....                         | Million metric tons.....    | 16.2 | 22.5  | 26.8  | 28.2  |
| Mineral fertilizer (nutrients) <sup>7</sup> ..... | Million metric tons.....    | 7.41 | 11.93 | 15.79 | 16.71 |
| Cotton fabrics.....                               | Billion linear meters.....  | 8.56 | 8.47  | 5.85  | 5.25  |
| Rayon and acetate fabrics.....                    | Billion linear meters.....  | 1.31 | 1.65  | 1.23  | 1.13  |
| Metalcutting machine tools.....                   | Thousand units.....         | 42.9 | 68.0  | 49.3  | 41.6  |
| Cement.....                                       | Million metric tons.....    | 56.1 | 65.1  | 67.4  | 75.0  |
| Passenger automobiles <sup>8</sup> .....          | Million units.....          | 6.67 | 9.31  | 6.55  | 8.82  |
| Semiconductors <sup>9</sup> .....                 | Billion units.....          | 0.31 | 1.52  | 3.08  | 3.86  |
| Radio receivers.....                              | Million units.....          | 18.0 | 25.7  | 17.8  | 21.3  |
| Television receivers.....                         | Million units.....          | 5.83 | 11.03 | 9.48  | 13.51 |
| Trade   |                             |      |       |       |       |
| Imports (c.i.f.).....                             | Billion US \$.....          | 16.4 | 23.2  | 42.4  | 58.9  |
| Exports (f.o.b.) <sup>10</sup> .....              | Billion US \$.....          | 19.7 | 26.8  | 42.7  | 49.2  |

<sup>1</sup> Including the armed forces and the unemployed. Data are annual averages of monthly data.<sup>2</sup> Energy expressed in coal equivalents has a calorific value of 7,000 kilocalories per kilogram.<sup>3</sup> Excluding steel for castings made in foundries operated by companies not producing ingots.<sup>4</sup> Including production from secondary plants and copper refined by manufacturers for their own use.<sup>5</sup> Data are for barley, corn (excluding silage and forage), oats, rice, rye, sorghum for grain, and wheat.<sup>6</sup> Data are on a carcass weight, bone-in basis, and are for beef, veal, pork, mutton, lamb, and goat.<sup>7</sup> Data are for "fertilizer years" beginning 1 July of the stated year.<sup>8</sup> Factory sales.<sup>9</sup> Semiconductor diodes; rectifiers; transistors; and, in 1972, integrated circuits.<sup>10</sup> Excluding Department of Defense shipments.

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Table 22

European Community: Selected Economic Data

|   | Unit of Measure                         | 1960  | 1965  | 1970  | 1972              |
|---|---|-------|-------|-------|-------------------|
| Aggregative data                                    |   |       |       |       |                   |
| Gross national product <sup>1</sup> .....           | Billion 1971 US \$.....                 | 464   | 586   | 739   | 791               |
| Total population (midyear).....                     | Million persons.....                    | 232.4 | 243.6 | 251.5 | 254.7             |
| Fuels and power                                     |   |       |       |       |                   |
| Primary energy (coal equivalents <sup>2</sup> ).... | Million metric tons.....                | 555   | 565   | 557   | 583               |
| Electric power (gross).....                         | Billion kilowatt-hours.....             | 426   | 614   | 850   | 958               |
| Hard coal.....                                      | Million metric tons.....                | 432   | 409   | 310   | 268               |
| Brown coal and lignite.....                         | Million metric tons.....                | 102   | 108   | 112   | 114               |
| Crude oil.....                                      | Million metric tons.....                | 11.6  | 15.6  | 13.2  | 11.4              |
| Minerals and metals                                 |   |       |       |       |                   |
| Crude steel.....                                    | Million metric tons.....                | 97.9  | 114   | 138   | 138               |
| Pig iron.....                                       | Million metric tons.....                | 70.3  | 81.0  | 98.2  | 96.3              |
| Iron ore.....                                       | Million metric tons.....                | 107   | 90.4  | 80.9  | 72.3              |
| Refined copper.....                                 | Thousand metric tons.....               | 796   | 904   | 997   | 921               |
| Primary aluminum.....                               | Thousand metric tons.....               | 520   | 735   | 952   | 1,290             |
| Agriculture   |   |       |       |       |                   |
| Grain <sup>3</sup> .....                            | Million metric tons.....                | 68.8  | 81.0  | 87.9  | 103               |
| Potatoes.....                                       | Million metric tons.....                | 61.3  | 47.5  | 46.1  | 42.1              |
| Meat <sup>4</sup> .....                             | Million metric tons.....                | 10.2  | 11.9  | 13.1  | 13.4              |
| Cattle (beginning of year).....                     | Million head.....                       | 65.6  | 68.0  | 71.9  | 74.0              |
| Manufactured items                                  |   |       |       |       |                   |
| Sulfuric acid (100%).....                           | Million metric tons.....                | 12.7  | 15.8  | 18.4  | 18.6              |
| Mineral fertilizer (nutrients).....                 | Million metric tons.....                | 10.4  | 13.3  | 15.3  | 15.5 <sup>5</sup> |
| Cement.....   | Million metric tons.....                | 77.4  | 107   | 132   | 141               |
| Passenger automobiles.....                          | Million units.....                      | 4.92  | 7.13  | 9.66  | 10.5              |
| Transportation and trade                            |   |       |       |       |                   |
| Railroad freight traffic.....                       | Billion metric ton-kilo-<br>meters..... | 168   | 175   | 199   | 183               |
| Imports (c.i.f.).....                               | Billion US \$.....                      | 45.1  | 69.2  | 116   | 155               |
| Exports (f.o.b.).....                               | Billion US \$.....                      | 42.3  | 64.7  | 113   | 155               |

<sup>1</sup> Converted at central exchange rates.

<sup>2</sup> Energy expressed in coal equivalents has a calorific value of 7,000 kilocalories per kilogram.

<sup>3</sup> Data are for barley, corn, oats, rice, rye, and wheat where they are produced.

<sup>4</sup> Data are on a carcass weight, bone-in basis, and are for beef, veal, pork, lamb, mutton, goat, and (except for the United Kingdom) horsemeat.

<sup>5</sup> Data are for 1971.

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Table 23  
USSR: Selected Economic Data

|   | Unit of Measure              | 1960  | 1965  | 1970  | 1972  |
|---|------------------------------|-------|-------|-------|-------|
| <b>Aggregative data</b>                             |                              |       |       |       |       |
| Gross national product <sup>1</sup> .....           | Billion 1971 US \$.....      | 311*  | 414*  | 551*  | 580*  |
| Index of industrial production.....                 | 1960 = 100.....              | 100*  | 139*  | 190*  | 211*  |
| Total population (midyear).....                     | Million persons.....         | 214   | 231   | 243   | 248   |
| Labor force (midyear) <sup>2</sup> .....            | Million persons.....         | 111   | 118   | 124   | 128   |
| <b>Fuels and power</b>                              |                              |       |       |       |       |
| Primary energy (coal equivalents <sup>3</sup> ).... | Billion metric tons.....     | 0.66  | 0.94  | 1.22  | 1.32  |
| Electric power (gross).....                         | Billion kilowatt-hours.....  | 292   | 507   | 741   | 858   |
| Hard coal.....                                      | Million metric tons.....     | 356   | 398   | 433   | 451   |
| Crude oil.....                                      | Million metric tons.....     | 147   | 242   | 349   | 394   |
| Natural gas <sup>4</sup> .....                      | Billion cubic meters.....    | 45.3  | 127.7 | 197.9 | 221.0 |
| <b>Minerals and metals</b>                          |                              |       |       |       |       |
| Crude steel.....                                    | Million metric tons.....     | 65.3  | 91.0  | 115.9 | 126.0 |
| Rolled steel.....                                   | Million metric tons.....     | 51.0  | 70.9  | 92.5  | 99.5  |
| Pig iron.....                                       | Million metric tons.....     | 46.8  | 66.2  | 85.9  | 92.3  |
| Iron ore.....                                       | Million metric tons.....     | 106   | 153   | 195   | 208   |
| Refined copper.....                                 | Million metric tons.....     | 0.49  | 0.77  | 1.10  | 1.25  |
| Primary aluminum.....                               | Million metric tons.....     | 0.63  | 1.00  | 1.72* | 1.87* |
| Lead.....   | Thousand metric tons.....    | 324   | 433   | 597   | 650   |
| <b>Agriculture</b>                                  |                              |       |       |       |       |
| Grain <sup>5</sup> .....                            | Million metric tons.....     | 93    | 100   | 150   | 134   |
| Meat <sup>6</sup> .....                             | Million metric tons.....     | 8.68  | 9.96  | 12.28 | 13.58 |
| Milk.....   | Million metric tons.....     | 61.7  | 72.6  | 83.0  | 83.2  |
| Fish catch.....                                     | Million metric tons.....     | 3.54  | 5.77  | 7.89  | 8.25  |
| Cattle (beginning of year).....                     | Million head.....            | 74.2  | 87.2  | 95.2  | 102.4 |
| <b>Manufactured items</b>                           |                              |       |       |       |       |
| Sulfuric acid (100%).....                           | Million metric tons.....     | 5.40  | 8.52  | 12.06 | 13.70 |
| Mineral fertilizer (nutrients).....                 | Million metric tons.....     | 3.28  | 7.39  | 13.10 | 15.94 |
| Metalcutting machine tools.....                     | Thousand units.....          | 155.9 | 186.1 | 202.3 | 210.0 |
| Cement.....   | Million metric tons.....     | 45.5  | 72.4  | 95.2  | 104.3 |
| Tractors.....                                       | Thousand units.....          | 238.5 | 354.5 | 458.5 | 477.8 |
| Passenger automobiles.....                          | Thousand units.....          | 139   | 201   | 344   | 730   |
| <b>Transportation and trade</b>                     |                              |       |       |       |       |
| Railroad freight traffic.....                       | Trillion ton-kilometers..... | 1.50  | 1.95  | 2.49  | 2.76  |
| Motor vehicle freight traffic.....                  | Billion ton-kilometers.....  | 98.5  | 143.1 | 220.8 | 261.8 |
| Imports (f.o.b.).....                               | Billion US \$.....           | 5.63  | 8.06  | 11.73 | 16.10 |
| Exports (f.o.b.).....                               | Billion US \$.....           | 5.56  | 8.17  | 12.80 | 15.40 |

\*An asterisk indicates that the data are CONFIDENTIAL.

<sup>1</sup> Converted at US purchasing power equivalents.

<sup>2</sup> Data include the armed forces and the unemployed but exclude militarized security forces.

<sup>3</sup> Energy expressed in coal equivalents has a calorific value of 7,000 kilocalories per kilogram.

<sup>4</sup> Gross production less losses and waste. Data include only gas from natural gas wells and associated gas from petroleum fields.

<sup>5</sup> Data are for barley, corn, oats, rice, rye, wheat, and miscellaneous grains including pulses.

<sup>6</sup> Data are on a carcass weight, bone-in basis, and are for beef, veal, pork, mutton, lamb, goat, horsemeat, rabbit, poultry, game, edible offal, and lard.



Table 24

## People's Republic of China: Selected Economic Data

|   | Unit of Measure             | 1960     | 1965       | 1970       | 1972       |
|---|-----------------------------|----------|------------|------------|------------|
| <b>Aggregative data</b>                             |                             |          |            |            |            |
| Gross national product <sup>1</sup> .....           | Billion 1971 US \$.....     | 93 to 94 | 99 to 104  | 126 to 137 | 133 to 147 |
| Index of industrial production <sup>2</sup> .....   | 1960 = 100.....             | 100      | 92 to 99   | 129 to 148 | 157 to 183 |
| Total population (midyear).....                     | Million persons.....        | 685      | 747        | 837        | 878        |
| Labor force (midyear) <sup>3</sup> .....            | Million persons.....        | 307      | 328        | N.A.       | N.A.       |
| Agricultural labor force (midyear).....             | Million persons.....        | 254      | 281        | N.A.       | N.A.       |
| <b>Fuels and power</b>                              |                             |          |            |            |            |
| Primary energy (coal equivalents <sup>4</sup> ).... | Million metric tons.....    | 208      | 206        | 290        | 341        |
| Electric power (gross).....                         | Billion kilowatt-hours..... | 47       | 42         | 72         | 95         |
| Hard coal <sup>5</sup> .....                        | Million metric tons.....    | 280      | 220        | 300        | 340        |
| Crude oil.....                                      | Million metric tons.....    | 4.6      | 8.0        | 20.0       | 30.0       |
| Petroleum products.....                             | Million metric tons.....    | 4.7*     | 7.2*       | 18.0*      | 26.5*      |
| <b>Minerals and metals</b>                          |                             |          |            |            |            |
| Crude steel.....                                    | Million metric tons.....    | 13.0     | 11.0       | 18.0       | 23.0       |
| Pig iron.....                                       | Million metric tons.....    | 14.1*    | 12.5*      | 19.5*      | 27.0*      |
| Iron ore.....                                       | Million metric tons.....    | 28.2*    | 25.0*      | 39.0*      | 54.0*      |
| Manganese ore.....                                  | Thousand metric tons.....   | 708*     | 312*       | 485*       | 675*       |
| Tungsten ore (60% WO <sub>3</sub> ).....            | Thousand metric tons.....   | 28.7     | 14.6       | 11.5       | 13.0       |
| Primary aluminum.....                               | Thousand metric tons.....   | 80*      | 115*       | 230*       | 280*       |
| <b>Agriculture</b>                                  |                             |          |            |            |            |
| Grain <sup>6</sup> .....                            | Million metric tons.....    | 160      | 190 to 195 | 220 to 225 | 210 to 215 |
| Ginned cotton.....                                  | Million metric tons.....    | 1.28     | 1.50       | 1.66       | 1.20       |
| <b>Manufactured items</b>                           |                             |          |            |            |            |
| Sulfuric acid (100%).....                           | Million metric tons.....    | 1.35     | 2.20*      | N.A.       | N.A.       |
| Mineral fertilizer (nutrients).....                 | Million metric tons.....    | 0.50*    | 0.88*      | 1.98*      | 2.92*      |
| Cement.....   | Million metric tons.....    | 12.0     | 13.9       | 20.8       | 29.8       |
| Tractors.....                                       | Thousand units.....         | 10.8     | 13.7       | 24.0       | 30.8       |
| Trucks.....   | Thousand units.....         | 15       | 34         | 70         | 100        |
| <b>Trade</b>  |                             |          |            |            |            |
| Imports (f.o.b.).....                               | Billion US \$.....          | 2.03     | 1.84       | 2.21       | 2.72       |
| Exports (c.i.f.).....                               | Billion US \$.....          | 1.96     | 2.04       | 2.04       | 2.99       |

\*An asterisk indicates that the data are CONFIDENTIAL.

<sup>1</sup> Converted at US purchasing power equivalents.

<sup>2</sup> Estimates of this Office computed by applying value-added weights to data for commodity production. The data are fragmentary and uncertain; therefore, the index should be regarded as providing only a tentative indication of the general level and trend in production.

<sup>3</sup> Data exclude the armed forces but include the unemployed.

<sup>4</sup> Energy expressed in coal equivalents has a calorific value of 7,000 kilocalories per kilogram.

<sup>5</sup> Including a negligible amount of brown coal.

<sup>6</sup> Data are for barley, corn, oats, rice, rye, and wheat, and also include kaoliang, broad beans, and field peas. Tubers are included on a grain equivalent basis of 4 metric tons of tubers to 1 metric ton of grain.

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Table 25

Factors of Consumption

|   | 1960             | 1965             | 1970              | 1972  |
|---|------------------|------------------|-------------------|-------|
| <b>Food</b>   |                  |                  |                   |       |
| Grain production <sup>1</sup> (kilograms per capita)                  |                  |                  |                   |       |
| United States <sup>2</sup> .....                                      | 1,003            | 944              | 911               | 1,092 |
| USSR <sup>3</sup> .....   | 434              | 433              | 618               | 541   |
| Meat production <sup>4</sup> (kilograms per capita)                   |                  |                  |                   |       |
| United States <sup>5</sup> .....                                      | 71               | 74               | 80                | 80    |
| USSR <sup>6</sup> .....   | 41               | 43               | 51                | 55    |
| Persons supplied per farm worker                                      |                  |                  |                   |       |
| United States.....  | 26               | 35               | 45                | 48    |
| USSR.....   | 5                | 5                | 6                 | 7     |
| <b>Housing</b>  |                  |                  |                   |       |
| Housing construction (square meters per capita)                       |                  |                  |                   |       |
| United States.....  | 0.8              | 0.8              | 0.7               | 1.1   |
| USSR.....   | 0.5              | 0.4              | 0.4               | 0.4   |
| <b>Transportation</b>   |                  |                  |                   |       |
| Passenger automobile production (units per hundred persons)           |                  |                  |                   |       |
| United States <sup>7</sup> .....                                      | 3.7              | 4.8              | 3.2               | 4.2   |
| USSR.....   | 0.1              | 0.1              | 0.1               | 0.3   |
| Passenger automobiles in use (units per hundred persons)              |                  |                  |                   |       |
| United States <sup>8</sup> .....                                      | 34.1             | 38.7             | 43.5              | 46.2  |
| USSR <sup>9 10</sup> .....  | 0.4              | 0.5              | 0.7               | 1.0   |
| <b>Communications</b>   |                  |                  |                   |       |
| Television receivers in use <sup>10</sup> (units per hundred persons) |                  |                  |                   |       |
| United States.....  | 32               | 37               | 45                | 53    |
| USSR.....   | 2                | 7                | 14                | 18    |
| Radio receivers in use <sup>10</sup> (units per hundred persons)      |                  |                  |                   |       |
| United States.....  | 93               | 125              | 164               | 177   |
| USSR.....   | 13               | 17               | 20                | 21    |
| <b>Household equipment</b>  |                  |                  |                   |       |
| Washing machine production (units per thousand persons)               |                  |                  |                   |       |
| United States <sup>7</sup> .....                                      | 18               | 22               | 20                | 24    |
| USSR.....   | 4                | 15               | 22                | 12    |
| Washing machines in use <sup>11</sup> (units per thousand persons)    |                  |                  |                   |       |
| United States <sup>12</sup> .....                                     | 232              | 252              | 281               | 296   |
| USSR.....   | 13 <sup>10</sup> | 59 <sup>10</sup> | 148 <sup>10</sup> | 161   |
| Refrigerator production (units per thousand persons)                  |                  |                  |                   |       |
| United States <sup>7</sup> .....                                      | 19               | 25               | 26                | 30    |
| USSR.....   | 2                | 7                | 17                | 20    |
| Refrigerators in use <sup>11</sup> (units per thousand persons)       |                  |                  |                   |       |
| United States <sup>12</sup> .....                                     | 274              | 288              | 306               | 313   |
| USSR.....   | 10 <sup>10</sup> | 29 <sup>10</sup> | 89 <sup>10</sup>  | 106   |

<sup>1</sup> The data do not necessarily represent food available for consumption, because imports of foreign grain and exports of domestically produced grain are not included.

<sup>2</sup> Excluding corn silage and forage but including sorghum for grain.

<sup>3</sup> Including miscellaneous grains and pulses.

<sup>4</sup> Data are on a carcass weight, bone-in basis.

<sup>5</sup> Excluding slaughter fats, poultry, rabbit, and variety meats.

<sup>6</sup> Including horsemeat, rabbit, poultry, game, edible offal, and lard.

<sup>7</sup> Data are for factory sales and include complete units exported for assembly.

<sup>8</sup> As of the end of the registration year.

<sup>9</sup> Based on data for production, imports, exports, and estimated retirements.

<sup>10</sup> As of the end of the year.

<sup>11</sup> Unless otherwise indicated, data are as of the beginning of the year.

<sup>12</sup> Data are understated because they are based on the number of households with one or more units; thus, a household with more than one is counted as having only one.

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Table 26

**Percentage Distribution of Soviet Gross National Product, by End Use  
(Adjusted Factor Cost <sup>1</sup>)**

|   | Percent of Total |      |      |                   |
|---|------------------|------|------|-------------------|
|   | 1960             | 1965 | 1970 | 1972 <sup>2</sup> |
| Consumption.....  | 63*              | 59*  | 58*  | 60*               |
| Investment.....   | 26*              | 29*  | 32*  | 34*               |
| New fixed.....  | 21*              | 23*  | 25*  | 27*               |
| Other <sup>3</sup> .....  | 5*               | 7*   | 7*   | 7*                |
| Defense.....  | 8*               | 7*   | 6*   | 6*                |
| Civil space programs.....                                       | Negl.*           | 1*   | 1*   | 1*                |
| Administration.....   | 2*               | 2*   | 2*   | 2*                |
| Inventory change, net exports, and statistical discrepancy..... | 1*               | 2*   | 2*   | -3*               |
| Total.....  | 100*             | 100* | 100* | 100*              |

\*An asterisk indicates that the data are CONFIDENTIAL.

<sup>1</sup> Because of the well-known difficulties in using Soviet established prices as a measure of resource burden, the shares of gross national product (GNP) in this table are based on GNP at factor cost. In calculating GNP at factor cost, 1968 end use weights have been revised from an established price basis to a factor cost basis by subtracting turnover taxes and profits and adding amortization charges, implicit interest costs, agricultural land rent, and subsidies. These revised weights are then moved over time by indexes of the value of the various end uses in constant market prices.

<sup>2</sup> Preliminary.

<sup>3</sup> Civilian research and development and expenditures on capital repair.

Table 27

**Soviet Hard Currency Trade Balance**

|                    | Million US \$ |       |       |        |
|--------------------|---------------|-------|-------|--------|
|                    | 1960          | 1965  | 1970  | 1972   |
| Exports.....       | 739           | 1,331 | 2,182 | 2,815  |
| Imports.....       | 1,018         | 1,546 | 2,699 | 4,171  |
| Trade balance..... | -279          | -215  | -517  | -1,356 |

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Table 28

## Production and Reserves of Gold in the USSR

Million Troy Ounces

|           | Production | Reserves |
|-----------|------------|----------|
| 1960..... | 3.5*       | 70.7*    |
| 1961..... | 3.8*       | 64.8*    |
| 1962..... | 4.1*       | 61.2*    |
| 1963..... | 4.4*       | 49.8*    |
| 1964..... | 4.7*       | 38.7*    |
| 1965..... | 5.0*       | 28.8*    |
| 1966..... | 5.4*       | 31.8*    |
| 1967..... | 5.7*       | 36.1*    |
| 1968..... | 5.9*       | 40.7*    |
| 1969..... | 6.3*       | 45.6*    |
| 1970..... | 6.6*       | 50.9*    |
| 1971..... | 7.1*       | 56.2*    |
| 1972..... | 8.2*       | 58.2*    |

\*An asterisk indicates that the data are CONFIDENTIAL.

Table 29

Aggregate Factor Productivity in the USSR  
(Average Annual Rate of Growth) <sup>1</sup>

|   | Percent |         |      |                   |
|---|---------|---------|------|-------------------|
|   | 1961-65 | 1966-70 | 1970 | 1972 <sup>2</sup> |
| Gross national product <sup>3</sup> ..... | 5.0*    | 5.6*    | 8.3* | 2.0*              |
| Factor productivity.....                  | 1.2*    | 2.1*    | 4.7* | -1.3*             |
| Combined inputs.....                      | 3.8     | 3.4     | 3.4  | 3.4               |
| Factor productivity                       |         |         |      |                   |
| Manhours.....                             | 3.1*    | 3.7*    | 6.3* | 0.3*              |
| Capital.....                              | -3.4*   | -1.7*   | 0.8* | -5.0*             |
| Land.....                                 | 4.4*    | 5.9*    | 9.3* | 0.4*              |
| Inputs <sup>4</sup>                       |         |         |      |                   |
| Manhours.....                             | 1.9     | 1.8     | 1.9  | 1.7               |
| Capital.....                              | 8.6     | 7.5     | 7.4  | 7.4               |
| Land.....                                 | 0.6     | -0.2    | -0.9 | 1.5               |

\*An asterisk indicates that the data are CONFIDENTIAL.

<sup>1</sup> The base year is the year prior to the stated period.<sup>2</sup> Preliminary.<sup>3</sup> Based on indexes of GNP (1968 rubles), by sector of origin, at factor cost.<sup>4</sup> Inputs of manhours, capital, and land are combined using weights of 66.59%, 29.91%, and 3.50%, respectively, in a Cobb-Douglas (linear) homogeneous production function. These weights represent the distribution of labor costs, charges on gross fixed capital (including livestock), and land rent in 1968, the base year for all indexes underlying the growth rate calculations.

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**Table 30**  
**Industrial Factor Productivity in the USSR**  
**(Average Annual Rate of Growth)<sup>1</sup>**

|                            | Percent |         |       |                   |
|----------------------------|---------|---------|-------|-------------------|
|                            | 1961-65 | 1966-70 | 1970  | 1972 <sup>2</sup> |
| Industrial production..... | 6.8*    | 6.5*    | 6.7*  | 5.0*              |
| Factor productivity.....   | 0.4*    | 0.9*    | 2.8*  | 0.9*              |
| Combined inputs.....       | 6.3     | 5.5     | 3.8   | 4.1               |
| Factor productivity        |         |         |       |                   |
| Manhours.....              | 3.7*    | 3.1*    | 6.6*  | 3.9*              |
| Capital.....               | -4.0*   | -2.1*   | -2.5* | -3.3*             |
| Inputs <sup>3</sup>        |         |         |       |                   |
| Manhours.....              | 3.0     | 3.3     | 0.1   | 1.0               |
| Capital.....               | 11.2    | 8.7     | 9.3   | 8.5               |

\*An asterisk indicates that the data are CONFIDENTIAL.

<sup>1</sup> The base year is the year prior to the stated period.

<sup>2</sup> Preliminary.

<sup>3</sup> Inputs of manhours and capital are combined using weights of 58.4% and 41.6%, respectively, in a Cobb-Douglas (linear homogeneous) production function. These weights represent the distribution of labor costs (wages and social insurance deductions) and capital costs (charges on fixed and working capital and depreciation) in 1968, the base year for all indexes underlying the growth rate calculations.

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Table 31

Soviet Gross Fixed Capital Investment, by Function and by Sector <sup>1</sup>

Million Rubles

|  | 1960                | 1965   | 1970   | 1972 <sup>2</sup>   |
|--|---------------------|--------|--------|---------------------|
| Total investment.....                  | 42,017              | 56,963 | 82,053 | 93,800 <sup>3</sup> |
| By function <sup>4</sup>               |                     |        |        |                     |
| Construction and installation.....     | 29,400              | 35,800 | 50,300 | 58,500 <sup>3</sup> |
| Equipment.....                         | 10,400              | 17,500 | 25,300 | 28,200              |
| Other capital outlays.....             | 2,200               | 3,700  | 6,400  | 7,100               |
| By sector                              |                     |        |        |                     |
| Industry <sup>5</sup>                  | 15,211 <sup>6</sup> | 21,117 | 29,567 | 33,200              |
| Ferrous metallurgy.....                | 1,430               | 1,835  | 2,082  | 2,400               |
| Chemicals and petrochemicals.....      | 1,056               | 2,171  | 2,415  | 2,700               |
| Fuels and power.....                   | 4,395               | 6,636  | 8,423  | 9,600               |
| Machine building and metalworking..... | 2,088               | 3,189  | 6,117  | 6,800               |
| Construction materials.....            | 1,215               | 1,034  | 1,712  | 1,900               |
| Consumer goods.....                    | 2,280 <sup>6</sup>  | 2,792  | 4,489  | 5,200               |
| Other <sup>7</sup> .....               | 2,747               | 3,460  | 4,329  | 4,600               |
| Construction industry.....             | 1,181 <sup>6</sup>  | 1,493  | 3,008  | 3,800               |
| Transport and communications.....      | 3,925 <sup>6</sup>  | 5,532  | 7,808  | 9,000               |
| Agriculture.....                       | 5,476               | 9,535  | 14,152 | 17,400              |
| Housing.....                           | 9,456               | 9,638  | 13,439 | 14,200              |
| Services.....                          | 6,768 <sup>6</sup>  | 9,648  | 14,079 | 16,200              |

<sup>1</sup> Beginning with the official handbooks for 1970, Soviet investment statistics are reported only in constant prices of 1 January 1969 instead of the previous constant prices of 1 July 1955. Consequently the ruble values shown in this table are different from those published in most earlier editions of the **Handbook**. Unless otherwise indicated, data are from the Soviet statistical handbook **Narodnoye khozyaystvo SSSR, 1922-1972**.

<sup>2</sup> Estimated, unless otherwise indicated. Data are rounded to nearest hundred million rubles.

<sup>3</sup> Preliminary figure given in or derived from **SSSR v tsifrakh v 1972 godu**, p. 146-147 and 150.

<sup>4</sup> Rounded to the nearest hundred million rubles. Values for 1960 were computed from percentage share distributions as reported in the Soviet statistical handbook, **Statisticheskiy yezhegodnik stran-chlenov Soveta Ekonomicheskoy Vneshney Pomoshchi**, 1971, p. 171.

<sup>5</sup> Excluding the construction industry.

<sup>6</sup> Estimated using coefficients of other years calculated as the ratios between investment in prices of 1 July 1955 and prices of 1 January 1969.

<sup>7</sup> Computed as a residual; includes investment in nonferrous metallurgy, timber, paper, wood-working, and miscellaneous other branches of industry.

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Table 32

## Soviet State Budget

Billion New Rubles

|   | 1960               | 1965   | 1970   | 1971   | 1972   | 1973             |
|---|--------------------|--------|--------|--------|--------|------------------|
|   | Actual             | Actual | Actual | Actual | Actual | Plan             |
| Revenues                                    |                    |        |        |        |        |                  |
| Social Sector.....                          | 70.14              | 93.89  | 142.86 | 151.3  | 157.9  | 157.82           |
| Turnover Tax.....                           | 31.34              | 38.66  | 49.38  | 54.5   | 55.5   | 57.5             |
| Profit Deductions.....                      | 18.64              | 30.87  | 54.16  | 55.6   | N.A.   | 60.7             |
| Taxes on Enterprises and Organizations..... | 1.85               | 1.55   | 1.23   | 1.4    | N.A.   | 39.6             |
| Social Insurance Receipts.....              | 3.74               | 5.56   | 8.20   | 8.8    |        |                  |
| Residual.....                               | 14.58              | 17.25  | 29.89  | 31.0   |        |                  |
| Private Sector.....                         | 6.94 <sup>1</sup>  | 8.43   | 13.84  | 14.7   | 18.0   | 15.99            |
| State Taxes on the Population.....          | 5.60               | 7.70   | 12.74  | 13.7   | N.A.   | 15.0             |
| State Loans.....                            | 0.91 <sup>1</sup>  | 0.18   | 0.47   | 0.3    | N.A.   | 1.0              |
| Local Taxes and Lottery Revenue.....        | 0.43               | 0.55   | 0.63   | 0.7    |        |                  |
| Total.....                                  | 77.08 <sup>1</sup> | 102.32 | 156.70 | 166.0  | 175.9  | 173.81           |
| Expenditures                                |                    |        |        |        |        |                  |
| Financing the National Economy.....         | 34.13              | 44.92  | 74.55  | 80.4   | N.A.   | 82.63            |
| Industry and Construction.....              | 15.59              | 20.99  | 30.53  | N.A.   | N.A.   | 32.2             |
| Agriculture and Procurement.....            | 4.75               | 6.77   | 12.37  | N.A.   | N.A.   | 12.1             |
| Transport and Communications.....           | 2.81               | 2.83   | 3.11   | N.A.   | N.A.   | 3.2              |
| Trade.....                                  | 3.59               | 2.27   | 6.26   | N.A.   | N.A.   | N.A.             |
| Municipal Economy and Housing.....          | 3.22               | 4.23   | 6.46   | N.A.   | N.A.   | 5.6              |
| Other.....                                  | 4.17               | 7.83   | 15.82  | N.A.   | N.A.   | N.A.             |
| Social-Cultural Measures.....               | 24.94              | 38.16  | 55.94  | 59.4   | 64.2   | 62.94            |
| Education, Science, and Culture.....        | 10.31              | 17.51  | 24.77  | 26.3   | N.A.   | 27.4             |
| Health and Physical Culture.....            | 4.84               | 6.67   | 9.28   | 9.6    | 10.0   | 9.7              |
| Social Welfare.....                         | 9.79               | 13.99  | 21.89  | 23.5   | N.A.   | 25.8             |
| Administration.....                         | 1.09               | 1.28   | 1.66   | 1.8    | N.A.   | 1.77             |
| Defense.....                                | 9.30               | 12.78  | 17.85  | 17.9   | N.A.   | 17.90            |
| Loan Service.....                           | 0.7                | 0.1    | 0.10   | 0.1    | N.A.   | 0.2 <sup>2</sup> |
| Residual.....                               | 2.97               | 4.38   | 4.50   | 4.6    | N.A.   | 8.17             |
| Total.....                                  | 73.13              | 101.62 | 154.60 | 164.2  | 175.1  | 173.61           |
| Budget Surplus.....                         | 3.95 <sup>1</sup>  | 0.70   | 2.10   | 1.8    | 0.8    | 0.20             |

<sup>1</sup> Including revenue from the savings deposits of the population.<sup>2</sup> Estimated.

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Table 33

Estimated Drawings and Scheduled Repayments on Western Credits to the USSR <sup>1</sup>

Million US \$

|           | Estimated Drawings | Scheduled Repayments | Interest | Net Credits | Outstanding at End of Year |
|-----------|--------------------|----------------------|----------|-------------|----------------------------|
| 1960..... | 125                | 37                   | 2        | 86          | 136                        |
| 1961..... | 165                | 70                   | 6        | 89          | 231                        |
| 1962..... | 180                | 106                  | 10       | 64          | 305                        |
| 1963..... | 140                | 130                  | 14       | -4          | 315                        |
| 1964..... | 170                | 146                  | 14       | 10          | 339                        |
| 1965..... | 190                | 149                  | 17       | 24          | 380                        |
| 1966..... | 275                | 150                  | 20       | 105         | 505                        |
| 1967..... | 305                | 152                  | 29       | 124         | 658                        |
| 1968..... | 510                | 217                  | 38       | 255         | 951                        |
| 1969..... | 630                | 265                  | 57       | 308         | 1,316                      |
| 1970..... | 700                | 300                  | 79       | 321         | 1,716                      |
| 1971..... | 700                | 360                  | 103      | 237         | 2,056                      |
| 1972..... | 900                | 432                  | 124      | 344         | 2,524                      |

<sup>1</sup> Estimates of drawings are based on data derived from contracts indicating delivery and credit terms and on Soviet imports of machinery and equipment. In general, early contracts (1960-64) involved 80%-85% credit and 5% interest. A large number of contracts since 1965 have involved 85% credit and 6% interest. Repayment periods for the earlier credits were usually three to five years following downpayment. Typical terms since 1965 have been eight years following delivery of equipment.

Table 34

Soviet Stock of Fixed Capital, by Sector <sup>1</sup>Billion Rubles <sup>2</sup>

|  | 1960 | 1965 | 1970 | 1972 <sup>3</sup> |
|--|------|------|------|-------------------|
| Total capital stock <sup>4</sup> ..... | 328  | 496  | 712  | 829               |
| Industry.....                          | 84   | 144  | 217  | 256               |
| Ferrous metallurgy.....                | 8    | 14   | 21   | 24                |
| Chemicals and petrochemicals.....      | 4    | 10   | 18   | 22                |
| Fuels and power.....                   | 24   | 37   | 58   | 68                |
| Machine building and metalworking..... | 17   | 29   | 46   | 57                |
| Construction materials.....            | 5    | 9    | 13   | 15                |
| Consumer goods.....                    | 12   | 18   | 27   | 31                |
| Other <sup>5</sup> .....               | 14   | 27   | 34   | 39                |
| Construction industry.....             | 6    | 10   | 19   | 23                |
| Agriculture <sup>4</sup> .....         | 44   | 62   | 87   | 104               |
| Transport and communications.....      | 42   | 64   | 92   | 106               |
| Housing.....                           | 102  | 137  | 176  | 195               |
| Services.....                          | 50   | 79   | 121  | 145               |

<sup>1</sup> The Soviet regime revalued most of the stock of fixed capital on hand as of 1 January 1972 in investment prices of 1969. The results of the revaluation, however, have not been announced to date. In the meantime, the fixed capital series expressed in prices of 1955 continues to be the official series, even though it is not compatible with the new official investment series expressed in prices of 1969 (see Table 31). The value of stocks in Table 34 is estimated as of 1 July of the respective year on the basis of end-of-year data reported in various Soviet statistical handbooks.

<sup>2</sup> In 1955 prices (see Footnote 1).

<sup>3</sup> Preliminary.

<sup>4</sup> Including the value of basic herds and draft animals.

<sup>5</sup> Nonferrous metals, timber, woodworking, paper, and miscellaneous other branches of industry.

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Table 35

Average Annual Rates of Growth <sup>1</sup> of Industrial Production, by Branch of Industry, in the USSR  
Percent

|  | 1961-65 | 1966-71 <sup>2</sup> | 1965 | 1970 | 1972 <sup>2</sup> |
|--|---------|----------------------|------|------|-------------------|
| Industrial materials.....              | 7.1     | 6.0                  | 7.4  | 6.9  | 5.1               |
| Electric power.....                    | 11.5    | 8.0                  | 10.0 | 7.6  | 7.4               |
| Coal.....                              | 2.8     | 2.1                  | 4.4  | 2.3  | 2.2               |
| Petroleum products and natural gas.... | 9.9     | 7.7                  | 8.1  | 8.1  | 5.7               |
| Ferrous metals.....                    | 7.9     | 5.3                  | 7.2  | 5.9  | 3.9               |
| Nonferrous metals.....                 | 8.3     | 8.1                  | 8.3  | 6.5  | 7.0               |
| Forest products.....                   | 3.0     | 3.6                  | 1.5  | 5.5  | 3.8               |
| Paper and paperboard products.....     | 7.8     | 6.9                  | 12.8 | 6.9  | 4.6               |
| Construction materials.....            | 7.2     | 6.0                  | 8.8  | 8.1  | 5.3               |
| Chemicals.....                         | 12.1    | 8.9                  | 14.6 | 11.8 | 6.6               |
| Machinery.....                         | 7.8*    | 7.3*                 | 5.0* | 6.3* | 7.0*              |
| Civilian.....                          | 9.3     | 9.2                  | 5.5  | 8.7  | 8.1               |
| Nondurable consumer goods.....         | 4.5     | 6.0                  | 6.1  | 6.6  | 1.5               |
| Soft goods.....                        | 2.4     | 7.4                  | 1.2  | 6.8  | 1.3               |
| Processed foods.....                   | 7.0     | 4.4                  | 11.6 | 6.4  | 2.2               |
| Total industrial production.....       | 6.8*    | 6.4*                 | 6.4* | 6.7* | 5.0*              |

\*An asterisk indicates that the data are CONFIDENTIAL.

<sup>1</sup> The base year is the year prior to the stated period. Rates of growth are derived from unrounded data.<sup>2</sup> Preliminary.

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Table 36

## Soviet Economic Plans for 1973 and 1971-75

|   |                            | Production     |              | Average Annual Rate of Growth <sup>1</sup><br>(Percent) |                |              |                 |
|---|----------------------------|----------------|--------------|---|----------------|--------------|-----------------|
|   | Unit of Measure            | 1972<br>Actual | 1973<br>Plan | 1966-70<br>Actual                                       | 1972<br>Actual | 1973<br>Plan | 1971-75<br>Plan |
| Aggregative data  |                            |                |              |   |                |              |                 |
| Index of national income <sup>2</sup> .....                       | 1965 = 100.....            | 160            | 170          | 7.7   | 4.0            | 6.0          | 6.8             |
| Gross industrial production <sup>3</sup> .....                    | 1965 = 100.....            | 173            | 183          | 8.4   | 6.5            | 5.8          | 8.0             |
| Group A (producers' goods).....                                   | 1965 = 100.....            | 173            | 184          | 8.6   | 6.8            | 6.3          | 7.9             |
| Group B (consumer goods).....                                     | 1965 = 100.....            | 171            | 179          | 8.3   | 6.0            | 4.5          | 8.3             |
| Industrial labor productivity.....                                | 1965 = 100.....            | 148            | 156          | 5.7   | 5.2            | 5.2          | 6.8             |
| Fuels and power   |                            |                |              |   |                |              |                 |
| Electric power.....   | Billion kilowatt-hours.... | 858            | 915          | 7.9   | 7.2            | 6.6          | 7.5             |
| Total coal <sup>4</sup> .....                                     | Million metric tons.....   | 655            | 665          | 1.6   | 2.2            | 1.6          | 2.2             |
| Crude oil <sup>5</sup> .....                                      | Million metric tons.....   | 394            | 424          | 7.6   | 5.9            | 7.6          | 7.3             |
| Natural gas.....  | Billion cubic meters.....  | 221            | 238          | 9.2   | 4.0            | 7.7          | 10.1            |
| Metals  |                            |                |              |   |                |              |                 |
| Crude steel.....  | Million metric tons.....   | 126            | 130.7        | 4.9   | 4.1            | 3.7          | 4.8             |
| Pig iron.....   | Million metric tons.....   | 92.3           | 97.1         | 5.4   | 3.4            | 5.2          | 4.8             |
| Chemicals   |                            |                |              |   |                |              |                 |
| Mineral fertilizer (Soviet statistical re-<br>porting units)..... | Million metric tons.....   | 66.1           | 71.1         | 12.1  | 7.7            | 7.6          | 10.2            |
| Plastics and synthetic resins.....                                | Thousand metric tons...    | 2,035          | 2,277        | 15.8  | 9.2            | 11.9         | 16.1            |
| Manufacturing and construction                                    |                            |                |              |   |                |              |                 |
| Passenger automobiles.....  | Thousand units.....        | 730            | 905          | 11.3  | 38.0           | 24.0         | 29.5            |
| Trucks and buses.....   | Thousand units.....        | 649            | 680          | 6.6   | 5.7            | 4.8          | 8.0             |
| Tractors.....   | Thousand units.....        | 478            | 502          | 5.3   | 1.3            | 5.0          | 4.6             |
| Television receivers.....   | Million units.....         | 6.0            | 6.12         | 12.8  | 2.6            | 2.0          | -0.3            |
| Rubber tires.....   | Million units.....         | 38.7           | 42.6         | 5.5   | 6.9            | 10.1         | 8.1             |
| Cement.....   | Million metric tons.....   | 104.3          | 108.7        | 5.6   | 4.0            | 4.5          | 5.8             |

<sup>1</sup> The base year is the year prior to the stated period.<sup>2</sup> The official Soviet measure is based on a Marxist concept of national income and differs significantly from the concept used in Western market economies. For example, the Soviet measure excludes the value of services and overstates the contribution of industry by including all indirect taxes.<sup>3</sup> Official "gross" value series.<sup>4</sup> Raw gross output.<sup>5</sup> Excluding production of natural gas liquids.

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Table 37

Trade of the United States with the Communist Countries <sup>1</sup>

Million US \$

|                          | 1960  | 1965  | 1970  | 1972    |
|--------------------------|-------|-------|-------|---------|
| US exports to.....       | 503.3 | 289.0 | 520.6 | 1,047.4 |
| USSR <sup>2</sup> .....  | 39.3  | 45.2  | 118.7 | 546.8   |
| Eastern Europe.....      | 154.6 | 94.8  | 234.9 | 271.5   |
| Bulgaria.....            | 0.1   | 3.6   | 15.3  | 3.4     |
| Czechoslovakia.....      | 4.5   | 27.7  | 22.5  | 49.4    |
| East Germany.....        | 4.0   | 12.4  | 32.5  | 14.9    |
| Hungary.....             | 1.6   | 9.3   | 28.3  | 22.6    |
| Poland.....              | 143.1 | 35.4  | 69.9  | 111.8   |
| Romania.....             | 1.3   | 6.4   | 66.4  | 69.4    |
| China.....               | ....  | Negl. | ....  | 60.2    |
| Other <sup>3</sup> ..... | 309.4 | 149.0 | 166.9 | 168.9   |
| US imports from.....     | 481.3 | 202.8 | 322.5 | 504.0   |
| USSR <sup>2</sup> .....  | 22.6  | 42.6  | 72.3  | 95.5    |
| Eastern Europe.....      | 58.2  | 94.7  | 153.3 | 224.6   |
| Bulgaria.....            | 0.8   | 1.7   | 2.4   | 2.9     |
| Czechoslovakia.....      | 12.2  | 16.7  | 23.9  | 28.0    |
| East Germany.....        | 3.2   | 6.5   | 9.4   | 10.3    |
| Hungary.....             | 1.8   | 2.1   | 6.2   | 12.7    |
| Poland.....              | 38.8  | 65.9  | 97.9  | 139.2   |
| Romania.....             | 1.5   | 1.8   | 13.4  | 31.5    |
| China.....               | 0.3   | 0.5   | Negl. | 32.3    |
| Other <sup>3</sup> ..... | 400.2 | 65.0  | 96.8  | 151.6   |

<sup>1</sup> Exports include reexports and are valued f.a.s. Imports are general imports and are valued f.o.b. port of export.

<sup>2</sup> Including data for Estonia, Latvia, and Lithuania.

<sup>3</sup> Including Albania, Cuba, Mongolia, North Korea, North Vietnam, and Yugoslavia.

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Table 38

Trade of the United States with the USSR, by Commodity <sup>1</sup>

Thousand US \$

|   | 1960   | 1965   | 1970    | 1972    |
|---|--------|--------|---------|---------|
| <b>Exports to the USSR <sup>2</sup></b>   |        |        |         |         |
| Total exports <sup>3</sup> .....          | 39,255 | 45,117 | 118,540 | 546,673 |
| Food and beverages.....                   | 60     | ....   | 964     | 370,097 |
| Wheat.....                                | 4      | ....   | ....    | 159,462 |
| Barley.....                               | 3      | ....   | ....    | 30,762  |
| Corn.....                                 | ....   | ....   | ....    | 166,524 |
| Oats.....                                 | ....   | ....   | ....    | 12,102  |
| Tobacco and tobacco manufactures.....     | ....   | 36     | 1,320   | 559     |
| Crude materials.....                      | 4,022  | 15,902 | 31,896  | 71,220  |
| Hides and skins, except furskins.....     | 2,622  | 6,170  | 14,768  | 10,363  |
| Oilseeds, oil nuts, and kernels.....      | ....   | 6,374  | ....    | 52,146  |
| Pulp and waste paper.....                 | ....   | 1,986  | 13,911  | 8,041   |
| Oils, fats, and waxes.....                | ....   | 17,493 | ....    | 1,701   |
| Chemicals.....                            | 3,099  | 5,730  | 24,683  | 20,976  |
| Basic manufactures.....                   | 12,310 | 59     | 8,776   | 10,189  |
| Machinery and transport equipment.....    | 19,254 | 5,155  | 44,709  | 62,062  |
| Nonelectric machinery.....                | 17,403 | 2,636  | 37,812  | 53,481  |
| Electric machinery and apparatus.....     | 49     | 447    | 3,561   | 7,228   |
| Transport equipment.....                  | 1,802  | 2,072  | 3,336   | 1,353   |
| Miscellaneous manufactures.....           | 258    | 144    | 5,221   | 9,163   |
| Other.....                                | 252    | 598    | 971     | 706     |
| <b>Imports from the USSR <sup>4</sup></b> |        |        |         |         |
| Total imports <sup>3</sup> .....          | 22,779 | 42,564 | 71,953  | 94,809  |
| Food, beverages, and tobacco.....         | 221    | 568    | 619     | 713     |
| Crude materials.....                      | 8,008  | 13,867 | 18,314  | 17,963  |
| Furskins, undressed.....                  | 5,967  | 6,176  | 3,334   | 3,007   |
| Chrome ore.....                           | 160    | 4,373  | 13,691  | 14,057  |
| Mineral fuels and related materials.....  | ....   | ....   | 2,807   | 7,464   |
| Chemicals.....                            | 8,175  | 960    | 913     | 1,250   |
| Basic manufactures <sup>5</sup> .....     | 5,738  | 26,428 | 46,451  | 63,666  |
| Diamonds and other precious stones....    | ....   | ....   | 13,439  | 13,487  |
| Platinum group metals <sup>5</sup> .....  | 5,525  | 22,979 | 22,887  | 44,590  |
| Nonferrous base metals.....               | ....   | ....   | 7,996   | 1,888   |
| Miscellaneous manufactures.....           | 317    | 513    | 2,752   | 3,660   |
| Other.....                                | 320    | 248    | 97      | 93      |

<sup>1</sup> Including data for Estonia, Latvia, and Lithuania, which are treated separately in the US Department of Commerce statistics prior to 1970.

<sup>2</sup> Exports are domestic exports only, excluding reexports, and are valued f.a.s.

<sup>3</sup> The minor differences between the totals shown on this table and those shown on Table 37 are due to differences in definition.

<sup>4</sup> General imports for all years except 1960, for which import data are for consumption only. Imports are valued f.o.b. port of export.

<sup>5</sup> Data may include unrefined metal

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Table 39  
Trade of the United States with Eastern Europe, by Commodity  
Thousand US \$

|   | 1960    | 1965   | 1970    | 1972    |
|---|---------|--------|---------|---------|
| <b>Exports to Eastern Europe <sup>1</sup></b>   |         |        |         |         |
| Total exports <sup>2</sup> .....                | 154,129 | 94,522 | 233,944 | 269,856 |
| Food and beverages.....                         | 99,375  | 40,030 | 71,662  | 95,806  |
| Wheat.....                                      | 74,009  | 3,166  | 9,411   | 10,540  |
| Corn.....                                       | 4,307   | 5,846  | 15,807  | 32,502  |
| Tobacco and tobacco manufactures.....           | 2,819   | 2,299  | 2,463   | 3,532   |
| Crude materials.....                            | 22,597  | 22,642 | 59,117  | 86,834  |
| Hides and skins except furskins.....            | 1,693   | 6,259  | 10,061  | 45,870  |
| Cotton, unmanufactured.....                     | 15,536  | 2,217  | 12,815  | 15,295  |
| Oil seeds, oil nuts, and kernels.....           | ....    | 10,506 | 14,978  | 15,535  |
| Mineral fuels.....                              | ....    | 2,415  | 29,301  | 2,087   |
| Oils, fats, and waxes.....                      | 9,385   | 12,119 | 13,008  | 8,985   |
| Chemicals.....                                  | 3,005   | 3,601  | 12,731  | 11,889  |
| Basic manufactures.....                         | 4,821   | 1,058  | 15,953  | 14,325  |
| Machinery and transport equipment.....          | 4,495   | 5,580  | 24,296  | 40,478  |
| Nonelectric machinery.....                      | 3,944   | 4,472  | 18,940  | 33,110  |
| Electric machinery and appliances.....          | 430     | 1,001  | 4,363   | 5,376   |
| Transport equipment.....                        | 121     | 107    | 993     | 1,992   |
| Miscellaneous manufactures.....                 | 623     | 890    | 4,838   | 5,144   |
| Other.....                                      | 7,009   | 3,888  | 573     | 776     |
| <b>Imports from Eastern Europe <sup>3</sup></b> |         |        |         |         |
| Total imports <sup>2</sup> .....                | 57,444  | 94,731 | 153,245 | 224,475 |
| Food, beverages, and tobacco.....               | 29,815  | 37,815 | 62,089  | 76,045  |
| Crude materials and mineral fuels.....          | 8,942   | 7,533  | 11,139  | 16,097  |
| Oils, fats, and waxes.....                      | 392     | 241    | 12      | 249     |
| Chemicals.....                                  | 1,206   | 3,280  | 6,877   | 13,792  |
| Basic manufactures.....                         | 8,171   | 25,409 | 37,205  | 63,226  |
| Glass and glassware.....                        | 3,643   | 5,458  | 6,979   | 13,898  |
| Iron and steel.....                             | 310     | 10,014 | 7,973   | 22,283  |
| Metal manufactures.....                         | ....    | 2,412  | 8,165   | 10,574  |
| Machinery and transport equipment.....          | 4,184   | 5,609  | 11,710  | 18,833  |
| Miscellaneous manufactures.....                 | 2,357   | 10,999 | 23,610  | 35,584  |
| Other.....                                      | 2,377   | 3,845  | 603     | 649     |

<sup>1</sup> Exports are domestic exports only, excluding reexports, and are valued f.a.s.

<sup>2</sup> The minor differences between the totals shown on this table and those shown on Table 37 are due to differences in definition.

<sup>3</sup> General imports for all years except 1960, for which import data are for consumption only. Imports are valued f.o.b. port of export.

Table 40

Trade of the United States with China, by Commodity

Thousand US \$

|  | 1960 | 1965 | 1970 | 1971  | 1972   |
|--|------|------|------|-------|--------|
| <b>Exports to China <sup>1</sup></b>   |      |      |      |       |        |
| Total exports.....                     | .... | 1    | .... | ....  | 60,205 |
| Wheat.....                             | .... | .... | .... | ....  | 32,967 |
| Corn.....                              | .... | .... | .... | ....  | 23,022 |
| Crude soybean oil.....                 | .... | .... | .... | ....  | 2,200  |
| Miscellaneous manufactures.....        | .... | 1    | .... | ....  | 2,016  |
| <b>Imports from China <sup>2</sup></b> |      |      |      |       |        |
| Total imports.....                     | 253  | 463  | 1    | 4,922 | 32,320 |
| Food, beverages, and tobacco.....      | .... | .... | .... | 1,517 | 4,275  |
| Cassia.....                            | .... | .... | .... | 1,326 | 1,713  |
| Crude materials.....                   | .... | .... | .... | 2,198 | 12,265 |
| Bristles.....                          | .... | .... | .... | 1,862 | 6,741  |
| Silk.....                              | .... | .... | .... | 65    | 2,422  |
| Hair.....                              | .... | .... | .... | 181   | 1,556  |
| Chemicals.....                         | .... | .... | .... | 279   | 2,145  |
| Basic manufactures.....                | .... | 47   | 1    | 467   | 7,360  |
| Cotton cloth.....                      | .... | .... | .... | 43    | 1,599  |
| Antimony.....                          | .... | .... | .... | 17    | 973    |
| Miscellaneous manufactures.....        | 253  | 380  | .... | 276   | 6,059  |
| Antiques.....                          | 201  | 380  | .... | 146   | 3,390  |
| Clothing.....                          | .... | .... | .... | 33    | 820    |
| Other.....                             | .... | 36   | .... | 185   | 216    |

<sup>1</sup> Exports are domestic exports only, excluding reexports, and are valued f.a.s.

<sup>2</sup> General imports for all years except 1960, for which import data are for consumption only. Imports are valued f.o.b. port of export



Table 41

Direction of Soviet Foreign Trade <sup>1</sup>

Million US \$

|           |              | Communist Countries |         |                |       |             |                    | Non-Communist Countries |                     |                          |                          |
|-----------|--------------|---------------------|---------|----------------|-------|-------------|--------------------|-------------------------|---------------------|--------------------------|--------------------------|
|           |              | Total Trade         | Total   | Eastern Europe | China | Other Asian | Other <sup>2</sup> | Total                   | Developed Countries | Less Developed Countries | Unspecified <sup>3</sup> |
| 1960..... | Exports..... | 5,563.6             | 4,211.4 | 3,074.3        | 817.1 | 63.9        | 256.1              | 1,352.2                 | 983.1               | 336.3                    | 32.8                     |
|           | Imports..... | 5,628.4             | 3,978.3 | 2,795.0        | 848.1 | 97.8        | 237.4              | 1,650.1                 | 1,079.8             | 564.5                    | 5.8                      |
| 1961..... | Exports..... | 5,998.4             | 4,321.1 | 3,399.7        | 367.3 | 118.3       | 435.7              | 1,677.3                 | 1,069.3             | 498.4                    | 109.6                    |
|           | Imports..... | 5,827.6             | 4,146.7 | 3,044.1        | 551.4 | 104.8       | 446.4              | 1,680.9                 | 1,092.9             | 579.2                    | 8.8                      |
| 1962..... | Exports..... | 7,030.5             | 4,905.2 | 3,971.1        | 233.4 | 135.3       | 565.3              | 2,125.3                 | 1,115.2             | 560.0                    | 450.1                    |
|           | Imports..... | 6,455.4             | 4,565.5 | 3,590.3        | 516.3 | 118.4       | 340.4              | 1,889.9                 | 1,282.8             | 604.4                    | 2.7                      |
| 1963..... | Exports..... | 7,272.4             | 5,099.4 | 4,163.3        | 187.2 | 138.8       | 610.1              | 2,173.0                 | 1,218.1             | 751.9                    | 203.0                    |
|           | Imports..... | 7,058.7             | 4,986.4 | 4,146.8        | 413.0 | 123.4       | 303.1              | 2,072.3                 | 1,399.5             | 664.5                    | 8.2                      |
| 1964..... | Exports..... | 7,683.3             | 5,406.8 | 4,499.2        | 135.3 | 130.6       | 641.8              | 2,276.4                 | 1,282.1             | 774.5                    | 219.8                    |
|           | Imports..... | 7,736.5             | 5,346.4 | 4,450.4        | 314.2 | 115.4       | 466.3              | 2,390.1                 | 1,734.4             | 654.1                    | 1.6                      |
| 1965..... | Exports..... | 8,174.6             | 5,556.3 | 4,552.6        | 191.7 | 164.7       | 647.3              | 2,618.3                 | 1,438.0             | 910.7                    | 269.7                    |
|           | Imports..... | 8,058.3             | 5,609.8 | 4,672.6        | 225.6 | 118.9       | 592.8              | 2,448.4                 | 1,600.8             | 845.2                    | 2.4                      |
| 1966..... | Exports..... | 8,841.0             | 5,872.8 | 4,692.0        | 175.3 | 153.8       | 851.8              | 2,968.2                 | 1,711.4             | 886.3                    | 370.5                    |
|           | Imports..... | 7,912.8             | 5,263.8 | 4,462.1        | 143.1 | 117.7       | 541.0              | 2,649.0                 | 1,741.6             | 903.5                    | 3.8                      |
| 1967..... | Exports..... | 9,652.2             | 6,377.0 | 5,038.7        | 50.3  | 258.0       | 1,030.0            | 3,275.2                 | 1,886.1             | 963.2                    | 425.9                    |
|           | Imports..... | 8,536.6             | 5,945.5 | 5,092.5        | 56.7  | 128.9       | 667.4              | 2,591.1                 | 1,782.1             | 805.1                    | 3.9                      |
| 1968..... | Exports..... | 10,634.2            | 7,134.0 | 5,636.1        | 59.3  | 331.4       | 1,107.2            | 3,500.2                 | 2,051.2             | 948.0                    | 501.0                    |
|           | Imports..... | 9,409.9             | 6,367.0 | 5,643.6        | 36.7  | 138.8       | 548.0              | 3,042.9                 | 2,143.6             | 885.0                    | 14.2                     |
| 1969..... | Exports..... | 11,655.1            | 7,681.8 | 6,198.2        | 27.8  | 390.9       | 1,065.0            | 3,973.3                 | 2,230.2             | 1,169.3                  | 573.8                    |
|           | Imports..... | 10,326.7            | 6,696.0 | 6,011.4        | 29.0  | 143.4       | 512.2              | 3,630.6                 | 2,494.5             | 1,119.0                  | 17.1                     |
| 1970..... | Exports..... | 12,800.0            | 8,366.9 | 6,758.4        | 24.9  | 415.0       | 1,168.7            | 4,433.1                 | 2,344.8             | 1,291.4                  | 796.9                    |
|           | Imports..... | 11,731.5            | 7,636.4 | 6,633.7        | 21.7  | 154.4       | 826.5              | 4,095.2                 | 2,780.3             | 1,298.8                  | 16.1                     |
| 1971..... | Exports..... | 13,806.1            | 9,017.8 | 7,241.3        | 77.9  | 521.6       | 1,177.0            | 4,788.3                 | 2,709.9             | 1,380.1                  | 698.3                    |
|           | Imports..... | 12,478.7            | 8,176.9 | 7,257.4        | 76.2  | 159.7       | 683.7              | 4,301.7                 | 2,859.6             | 1,412.5                  | 29.6                     |

<sup>1</sup> Official Soviet statistics. Exports and imports are f.o.b.

<sup>2</sup> Including data for Yugoslavia, Mongolia, Cuba, and Albania.

<sup>3</sup> Including data for Hong Kong.

Table 42  
Soviet Exports<sup>1</sup>

|   | 1960          |         | 1965          |               | 1970          |         | 1971          |         |
|---|---------------|---------|---------------|---------------|---------------|---------|---------------|---------|
|   | Million US \$ | Percent | Million US \$ | Million US \$ | Million US \$ | Percent | Million US \$ | Percent |
| Total exports.....                              | 5,563.6       | 100.0   | 8,174.6       | 12,800.0      | 13,806.1      | 100.0   |               |         |
| Machinery and equipment.....                    | 1,143.2       | 20.5    | 1,635.8       | 2,755.8       | 3,005.3       | 21.8    |               |         |
| Complete plants.....                            | 570.6         | 10.3    | 613.5         | 955.1         | N.A.          | N.A.    |               |         |
| Fuels, lubricants, and related materials.....   | 901.8         | 16.2    | 1,386.4       | 1,987.8       | 2,466.1       | 17.9    |               |         |
| Coal and coke.....                              | 242.1         | 4.4     | 384.3         | 408.3         | 488.5         | 3.5     |               |         |
| Petroleum and petroleum products.....           | 657.9         | 11.8    | 998.9         | 1,470.5       | 1,831.3       | 13.3    |               |         |
| Ores and concentrates.....                      | 242.9         | 4.4     | 310.0         | 403.2         | 419.0         | 3.0     |               |         |
| Iron ore.....                                   | 175.0         | 3.1     | 250.7         | 324.9         | 334.7         | 2.4     |               |         |
| Base metals and manufactures.....               | 837.6         | 15.1    | 1,330.0       | 1,979.9       | 2,063.3       | 14.9    |               |         |
| Ferrous metals.....                             | 642.7         | 11.6    | 998.3         | 1,351.9       | 1,364.3       | 9.9     |               |         |
| Rolled ferrous metals.....                      | 480.2         | 8.6     | 716.5         | 892.1         | 853.8         | 6.2     |               |         |
| Nonferrous metals.....                          | 194.9         | 3.5     | 331.8         | 628.0         | 699.0         | 5.1     |               |         |
| Aluminum.....                                   | 35.1          | 0.6     | 110.9         | 184.0         | 198.8         | 1.4     |               |         |
| Chemicals.....                                  | 150.8         | 2.7     | 245.3         | 364.2         | 396.9         | 2.9     |               |         |
| Wood and wood products.....                     | 305.1         | 5.5     | 593.6         | 832.3         | 864.7         | 6.3     |               |         |
| Lumber.....                                     | 182.8         | 3.3     | 312.2         | 333.2         | 352.8         | 2.6     |               |         |
| Textile raw materials and semimanufactures..... | 358.6         | 6.4     | 421.3         | 437.4         | 455.0         | 3.3     |               |         |
| Cotton fiber.....                               | 288.7         | 5.2     | 334.7         | 372.0         | 399.9         | 2.9     |               |         |
| Consumer goods.....                             | 907.7         | 16.3    | 903.9         | 1,357.0       | 1,590.7       | 11.5    |               |         |
| Food.....                                       | 702.3         | 12.6    | 663.5         | 1,016.7       | 1,242.3       | 9.0     |               |         |
| Grain <sup>2</sup> .....                        | 467.8         | 8.4     | 270.3         | 399.1         | 602.2         | 4.4     |               |         |
| Other consumer goods.....                       | 205.4         | 3.7     | 240.4         | 340.4         | 348.4         | 2.5     |               |         |
| Other and unspecified.....                      | 715.9         | 12.9    | 1,348.3       | 2,682.4       | 2,545.1       | 18.4    |               |         |

<sup>1</sup> Official Soviet statistics. Exports are f.o.b.

<sup>2</sup> Excluding wheat flour.

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Table 43

Soviet Imports <sup>1</sup>

|   | 1960          |         | 1965          |                    | 1970               |               | 1971    |         |
|---|---------------|---------|---------------|--------------------|--------------------|---------------|---------|---------|
|   | Million US \$ | Percent | Million US \$ | Million US \$      | Million US \$      | Million US \$ | Percent | Percent |
| Total imports.....                              | 5,628.4       | 100.0   | 8,058.3       | 11,731.5           | 12,478.7           | 100.0         |         |         |
| Machinery and equipment.....                    | 1,675.2       | 29.8    | 2,692.2       | 4,169.8            | 4,239.8            | 34.0          |         |         |
| Transportation equipment.....                   | 660.1         | 11.7    | 990.0         | 1,233.1            | 1,084.2            | 8.7           |         |         |
| Fuels, lubricants, and related materials.....   | 237.3         | 4.2     | 198.5         | 228.0              | 326.2              | 2.6           |         |         |
| Coal and coke.....                              | 93.5          | 1.7     | 123.0         | 124.2              | 149.6              | 1.2           |         |         |
| Petroleum and petroleum products.....           | 143.7         | 2.6     | 75.5          | 81.9               | 122.8              | 1.0           |         |         |
| Ores and concentrates.....                      | 314.0         | 5.6     | 315.5         | 302.9 <sup>2</sup> | 336.3 <sup>2</sup> | 2.7           |         |         |
| Base metals and manufactures.....               | 545.9         | 9.7     | 389.4         | 691.6              | 750.7              | 6.0           |         |         |
| Ferrous metals.....                             | 373.9         | 6.6     | 314.2         | 593.4              | 661.5              | 5.3           |         |         |
| Rolled ferrous metals.....                      | 333.7         | 5.9     | 286.9         | 568.8              | 632.8              | 5.1           |         |         |
| Nonferrous metals.....                          | 172.0         | 3.1     | 75.2          | 98.1               | 89.1               | 0.7           |         |         |
| Tin.....  | 34.8          | 0.6     | 21.0          | 29.8               | 14.4               | 0.1           |         |         |
| Chemicals.....                                  | 150.2         | 2.7     | 375.4         | 618.4              | 701.8              | 5.6           |         |         |
| Rubber and rubber products.....                 | 195.9         | 3.5     | 198.9         | 191.8              | 154.4              | 1.2           |         |         |
| Wood and wood products.....                     | 104.8         | 1.9     | 150.3         | 248.6              | 259.5              | 2.1           |         |         |
| Textile raw materials and semimanufactures..... | 364.5         | 6.5     | 357.9         | 561.2              | 563.0              | 4.5           |         |         |
| Cotton fiber.....                               | 179.9         | 3.2     | 161.7         | 249.6              | 252.7              | 2.0           |         |         |
| Wool fiber.....                                 | 118.0         | 2.1     | 100.0         | 120.1              | 113.1              | 0.9           |         |         |
| Consumer goods.....                             | 1,573.5       | 28.0    | 2,656.6       | 3,792.4            | 4,144.1            | 33.2          |         |         |
| Food.....                                       | 612.3         | 10.9    | 1,511.1       | 1,591.4            | 1,589.2            | 12.7          |         |         |
| Wheat and wheat flour.....                      | 9.6           | 0.2     | 424.8         | 139.1              | 174.2              | 1.4           |         |         |
| Other consumer goods.....                       | 961.2         | 17.1    | 1,145.6       | 2,201.0            | 2,554.9            | 20.5          |         |         |
| Other and unspecified.....                      | 467.1         | 8.3     | 723.6         | 926.8              | 1,003.0            | 8.0           |         |         |

<sup>1</sup> Official Soviet statistics. Imports are f.o.b.<sup>2</sup> The value of this category is overstated because imports from Czechoslovakia include ores and concentrates, nonmetallic minerals, and metals.

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Table 44

Direction of Chinese Foreign Trade <sup>1</sup>

Million US \$

|                         |              | Communist Countries |       |                |      |                    | Non-Communist Countries |                     |                          |                     |
|-------------------------|--------------|---------------------|-------|----------------|------|--------------------|-------------------------|---------------------|--------------------------|---------------------|
|                         |              | Total Trade         | Total | Eastern Europe | USSR | Other <sup>2</sup> | Total                   | Developed Countries | Less Developed Countries | Hong Kong and Macao |
| 1960.....               | Exports..... | 1,960               | 1,335 | 310            | 850  | 175                | 625                     | 240                 | 245                      | 140                 |
|                         | Imports..... | 2,030               | 1,285 | 335            | 815  | 135                | 745                     | 505                 | 235                      | Negl.               |
| 1961.....               | Exports..... | 1,530               | 965   | 145            | 550  | 270                | 560                     | 220                 | 225                      | 115                 |
|                         | Imports..... | 1,495               | 715   | 160            | 365  | 190                | 775                     | 600                 | 175                      | Negl.               |
| 1962.....               | Exports..... | 1,525               | 915   | 105            | 515  | 295                | 605                     | 210                 | 260                      | 140                 |
|                         | Imports..... | 1,150               | 490   | 65             | 235  | 190                | 660                     | 475                 | 185                      | Negl.               |
| 1963.....               | Exports..... | 1,570               | 820   | 15             | 415  | 290                | 755                     | 265                 | 305                      | 185                 |
|                         | Imports..... | 1,200               | 430   | 50             | 185  | 195                | 770                     | 580                 | 190                      | Negl.               |
| 1964.....               | Exports..... | 1,750               | 710   | 100            | 315  | 295                | 1,040                   | 415                 | 350                      | 270                 |
|                         | Imports..... | 1,470               | 390   | 60             | 135  | 195                | 1,080                   | 685                 | 395                      | Negl.               |
| 1965.....               | Exports..... | 2,035               | 650   | 95             | 225  | 330                | 1,385                   | 575                 | 455                      | 355                 |
|                         | Imports..... | 1,845               | 515   | 110            | 190  | 215                | 1,330                   | 920                 | 405                      | 5                   |
| 1966.....               | Exports..... | 2,210               | 585   | 130            | 145  | 310                | 1,625                   | 715                 | 510                      | 400                 |
|                         | Imports..... | 2,035               | 505   | 140            | 175  | 190                | 1,530                   | 1,140               | 385                      | 5                   |
| 1967.....               | Exports..... | 1,945               | 485   | 110            | 55   | 320                | 1,460                   | 635                 | 515                      | 310                 |
|                         | Imports..... | 1,950               | 345   | 135            | 50   | 160                | 1,605                   | 1,345               | 260                      | Negl.               |
| 1968.....               | Exports..... | 1,945               | 500   | 140            | 35   | 325                | 1,445                   | 620                 | 500                      | 325                 |
|                         | Imports..... | 1,820               | 340   | 135            | 60   | 145                | 1,480                   | 1,250               | 230                      | Negl.               |
| 1969.....               | Exports..... | 2,030               | 490   | 145            | 30   | 315                | 1,540                   | 685                 | 515                      | 340                 |
|                         | Imports..... | 1,830               | 295   | 120            | 25   | 150                | 1,535                   | 1,245               | 290                      | Negl.               |
| 1970.....               | Exports..... | 2,045               | 475   | 160            | 20   | 295                | 1,570                   | 675                 | 525                      | 370                 |
|                         | Imports..... | 2,210               | 350   | 160            | 25   | 165                | 1,860                   | 1,555               | 300                      | 5                   |
| 1971.....               | Exports..... | 2,410               | 580   | 190            | 75   | 315                | 1,830                   | 810                 | 575                      | 445                 |
|                         | Imports..... | 2,240               | 435   | 185            | 80   | 170                | 1,805                   | 1,430               | 370                      | 5                   |
| 1972 <sup>3</sup> ..... | Exports..... | 2,990               | 690   | 220            | 125  | 350                | 2,300                   | 1,065               | 710                      | 525                 |
|                         | Imports..... | 2,725               | 560   | 220            | 125  | 215                | 2,165                   | 1,615               | 545                      | 5                   |

<sup>1</sup> Rounded to the nearest US \$5 million. Exports are f.o.b. and imports are c.i.f.<sup>2</sup> Including data for Yugoslavia, Mongolia, Cuba, and Albania.<sup>3</sup> Preliminary.

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Table 45  
Chinese Exports <sup>1</sup>

|  | Million US \$ |                |            |       |                |            |       |                |            |                   |                |            |
|--|---------------|----------------|------------|-------|----------------|------------|-------|----------------|------------|-------------------|----------------|------------|
|  | 1968          |                |            | 1969  |                |            | 1970  |                |            | 1971 <sup>2</sup> |                |            |
|  | Total         | Non-Com-munist | Com-munist | Total | Non-Com-munist | Com-munist | Total | Non-Com-munist | Com-munist | Total             | Non-Com-munist | Com-munist |
| Total .....                                  | 1,945         | 1,445          | 500        | 2,030 | 1,540          | 490        | 2,045 | 1,570          | 475        | 2,410             | 1,830          | 580        |
| Foodstuffs.....                              | 535           | 450            | 85         | 615   | 535            | 80         | 645   | 555            | 90         | 790               | 650            | 140        |
| Animals, meat, and fish.....                 | 175           | 150            | 25         | 210   | 185            | 25         | 215   | 195            | 20         | 280               | 245            | 35         |
| Grains.....                                  | 130           | 100            | 30         | 115   | 85             | 30         | 110   | 80             | 30         | 120               | 90             | 30         |
| Fruits and vegetables.....                   | 140           | 115            | 25         | 175   | 155            | 20         | 170   | 145            | 25         | 190               | 160            | 30         |
| Crude materials, fuels, and edible oils..... | 415           | 350            | 65         | 450   | 385            | 65         | 430   | 370            | 60         | 490               | 400            | 90         |
| Oilseeds.....                                | 85            | 85             | ....       | 75    | 75             | ....       | 65    | 65             | ....       | 15                | 15             | ....       |
| Textile fibers.....                          | 90            | 80             | 10         | 120   | 110            | 10         | 100   | 90             | 10         | 130               | 120            | 10         |
| Crude animal materials.....                  | 100           | 65             | 35         | 130   | 95             | 35         | 115   | 80             | 35         | 115               | 90             | 25         |
| Chemicals.....                               | 85            | 60             | 25         | 90    | 65             | 25         | 105   | 80             | 25         | 130               | 100            | 30         |
| Manufactures.....                            | 850           | 525            | 325        | 820   | 500            | 320        | 855   | 555            | 300        | 970               | 650            | 320        |
| Textile yarn and fabric.....                 | 270           | 200            | 70         | 310   | 235            | 75         | 340   | 260            | 80         | 325               | 245            | 80         |
| Clothing.....                                | 180           | 70             | 110        | 195   | 90             | 105        | 155   | 70             | 85         | 155               | 60             | 95         |
| Iron and steel.....                          | 25            | Negl.          | 25         | 35    | 10             | 25         | 40    | 15             | 25         | 60                | 35             | 25         |
| Nonferrous metals.....                       | 25            | 15             | 10         | 35    | 25             | 10         | 25    | 15             | 10         | 45                | 35             | 10         |
| Other.....                                   | 60            | 60             | ....       | 55    | 55             | ....       | 10    | 10             | ....       | 30                | 30             | ....       |

<sup>1</sup> Rounded to the nearest US \$5 million. Exports are f.o.b.

<sup>2</sup> Preliminary.

Table 46  
Chinese Imports <sup>1</sup>

Million US \$

|  | 1968  |                |            | 1969  |                |            | 1970  |                |            | 1971 <sup>2</sup> |                |            |
|--|-------|----------------|------------|-------|----------------|------------|-------|----------------|------------|-------------------|----------------|------------|
|  | Total | Non-Com-munist | Com-munist | Total | Non-Com-munist | Com-munist | Total | Non-Com-munist | Com-munist | Total             | Non-Com-munist | Com-munist |
| Total.....                                   | 1,820 | 1,480          | 340        | 1,830 | 1,535          | 295        | 2,210 | 1,860          | 350        | 2,240             | 1,805          | 435        |
| Foodstuffs.....                              | 410   | 335            | 75         | 350   | 280            | 70         | 355   | 285            | 70         | 300               | 230            | 70         |
| Grain.....                                   | 305   | 305            | ....       | 260   | 260            | ....       | 280   | 280            | ....       | 210               | 210            | ....       |
| Crude materials, fuels, and edible oils..... | 300   | 235            | 65         | 310   | 255            | 55         | 360   | 280            | 80         | 340               | 275            | 65         |
| Rubber.....                                  | 85    | 85             | ....       | 145   | 145            | ....       | 80    | 80             | ....       | 75                | 75             | ....       |
| Textile fibers.....                          | 100   | 100            | ....       | 90    | 90             | ....       | 110   | 110            | ....       | 115               | 115            | ....       |
| Chemicals.....                               | 315   | 310            | 5          | 310   | 305            | 5          | 330   | 320            | 10         | 295               | 280            | 15         |
| Fertilizer.....                              | 200   | 200            | ....       | 205   | 205            | ....       | 230   | 230            | Negl.      | 200               | 200            | ....       |
| Manufactures.....                            | 775   | 590            | 185        | 850   | 685            | 165        | 1,155 | 965            | 190        | 1,275             | 1,000          | 275        |
| Textile yarn and fabric.....                 | 40    | 40             | ....       | 30    | 30             | ....       | 45    | 45             | ....       | 25                | 25             | ....       |
| Iron and steel.....                          | 265   | 240            | 25         | 275   | 255            | 20         | 405   | 370            | 35         | 475               | 430            | 45         |
| Nonferrous metals.....                       | 125   | 115            | 10         | 225   | 220            | 5          | 210   | 200            | 10         | 145               | 135            | 10         |
| Machinery and equipment...                   | 275   | 135            | 140        | 240   | 110            | 130        | 395   | 255            | 140        | 495               | 285            | 210        |
| Other.....                                   | 20    | 10             | 10         | 10    | 5              | 5          | 10    | 10             | ....       | 30                | 20             | 10         |

<sup>1</sup> Rounded to the nearest US \$5 million. Imports are c.i.f.

<sup>2</sup> Preliminary.

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Table 47  
Direction of East European Foreign Trade <sup>1</sup>

Million US \$

|           |              | Communist Countries |        |       |                |                       |                    | Non-Communist Countries |                     |                          |
|-----------|--------------|---------------------|--------|-------|----------------|-----------------------|--------------------|-------------------------|---------------------|--------------------------|
|           |              | Total Trade         | Total  | USSR  | Eastern Europe | Far East <sup>2</sup> | Other <sup>3</sup> | Total                   | Developed Countries | Less Developed Countries |
| 1960..... | Exports..... | 7,625               | 5,525  | 2,819 | 2,101          | 398                   | 208                | 2,100                   | 1,518               | 581                      |
|           | Imports..... | 7,761               | 5,556  | 2,955 | 2,084          | 351                   | 166                | 2,204                   | 1,703               | 501                      |
| 1961..... | Exports..... | 8,315               | 6,003  | 3,130 | 2,377          | 205                   | 290                | 2,313                   | 1,642               | 670                      |
|           | Imports..... | 8,467               | 5,982  | 3,227 | 2,334          | 175                   | 245                | 2,485                   | 1,936               | 549                      |
| 1962..... | Exports..... | 8,908               | 6,542  | 3,613 | 2,543          | 109                   | 276                | 2,365                   | 1,684               | 681                      |
|           | Imports..... | 9,237               | 6,793  | 3,835 | 2,540          | 146                   | 271                | 2,445                   | 1,879               | 566                      |
| 1963..... | Exports..... | 9,901               | 7,299  | 4,137 | 2,695          | 91                    | 376                | 2,601                   | 1,900               | 700                      |
|           | Imports..... | 9,730               | 7,094  | 3,995 | 2,660          | 154                   | 285                | 2,637                   | 1,989               | 648                      |
| 1964..... | Exports..... | 10,935              | 7,959  | 4,500 | 2,920          | 96                    | 442                | 2,977                   | 2,152               | 824                      |
|           | Imports..... | 10,860              | 7,639  | 4,318 | 2,889          | 143                   | 289                | 3,221                   | 2,484               | 737                      |
| 1965..... | Exports..... | 11,773              | 8,418  | 4,692 | 3,172          | 159                   | 394                | 3,354                   | 2,392               | 963                      |
|           | Imports..... | 11,598              | 8,107  | 4,436 | 3,112          | 147                   | 412                | 3,490                   | 2,626               | 865                      |
| 1966..... | Exports..... | 12,306              | 8,541  | 4,537 | 3,263          | 222                   | 517                | 3,766                   | 2,697               | 1,069                    |
|           | Imports..... | 12,702              | 8,586  | 4,710 | 3,265          | 173                   | 438                | 4,115                   | 3,178               | 937                      |
| 1967..... | Exports..... | 13,402              | 9,324  | 5,105 | 3,534          | 265                   | 420                | 4,076                   | 2,890               | 1,186                    |
|           | Imports..... | 13,497              | 9,178  | 5,083 | 3,537          | 148                   | 412                | 4,320                   | 3,409               | 911                      |
| 1968..... | Exports..... | 14,527              | 10,332 | 5,641 | 3,871          | 303                   | 515                | 4,194                   | 2,991               | 1,204                    |
|           | Imports..... | 14,517              | 10,050 | 5,559 | 3,876          | 181                   | 435                | 4,467                   | 3,492               | 974                      |
| 1969..... | Exports..... | 16,125              | 11,220 | 6,059 | 4,276          | 300                   | 582                | 4,904                   | 3,535               | 1,370                    |
|           | Imports..... | 16,045              | 11,081 | 6,204 | 4,246          | 200                   | 430                | 4,964                   | 3,896               | 1,068                    |
| 1970..... | Exports..... | 18,092              | 12,545 | 6,610 | 4,953          | 331                   | 647                | 5,547                   | 4,059               | 1,488                    |
|           | Imports..... | 18,446              | 12,500 | 6,803 | 4,909          | 232                   | 556                | 5,945                   | 4,751               | 1,195                    |
| 1971..... | Exports..... | 19,912              | 13,834 | 7,284 | 5,427          | 387                   | 736                | 6,078                   | 4,475               | 1,603                    |
|           | Imports..... | 20,219              | 13,688 | 7,297 | 5,472          | 254                   | 664                | 6,531                   | 5,318               | 1,213                    |

<sup>1</sup> Official East European statistics. Exports are on a f.o.b. basis. Imports are f.o.b. except for Hungary which is on a c.i.f. basis. Romania does not indicate whether imports are f.o.b. or c.i.f.

<sup>2</sup> Including data for China, North Korea, and North Vietnam.

<sup>3</sup> Including data for Albania, Cuba, Mongolia, Yugoslavia, and unspecified trade.

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Table 48  
East European Exports, by Country <sup>1</sup>

|                           | Million US \$ |       |       |                   |
|---------------------------|---------------|-------|-------|-------------------|
|                           | 1960          | 1965  | 1970  | 1972 <sup>2</sup> |
| Bulgaria                  |               |       |       |                   |
| Total .....               | 572           | 1,176 | 2,004 | 2,579             |
| Of which:                 |               |       |       |                   |
| USSR .....                | 307           | 614   | 1,078 | N.A.              |
| Eastern Europe .....      | 151           | 275   | 431   | N.A.              |
| Developed Countries ..... | 68            | 156   | 260   | N.A.              |
| OECD <sup>3</sup> .....   | 64            | 158   | 236   | N.A.              |
| Czechoslovakia            |               |       |       |                   |
| Total .....               | 1,929         | 2,688 | 3,792 | 4,915             |
| Of which:                 |               |       |       |                   |
| USSR .....                | 659           | 1,023 | 1,222 | 1,668             |
| Eastern Europe .....      | 561           | 789   | 1,213 | 1,590             |
| Developed Countries ..... | 309           | 444   | 746   | 918               |
| OECD <sup>3</sup> .....   | 293           | 422   | 715   | 962               |
| East Germany              |               |       |       |                   |
| Total .....               | 2,207         | 3,070 | 4,581 | 6,298             |
| Of which:                 |               |       |       |                   |
| USSR .....                | 925           | 1,311 | 1,742 | 2,530             |
| Eastern Europe .....      | 588           | 852   | 1,386 | 1,939             |
| Developed Countries ..... | 437           | 608   | 982   | 1,311             |
| OECD <sup>3</sup> .....   | 439           | 572   | 1,096 | 1,289             |
| Hungary                   |               |       |       |                   |
| Total .....               | 874           | 1,510 | 2,317 | 3,292             |
| Of which:                 |               |       |       |                   |
| USSR .....                | 256           | 525   | 790   | 1,187             |
| Eastern Europe .....      | 278           | 468   | 647   | 967               |
| Developed Countries ..... | 185           | 322   | 558   | N.A.              |
| OECD <sup>3</sup> .....   | 155           | 279   | 533   | N.A.              |
| Poland                    |               |       |       |                   |
| Total .....               | 1,326         | 2,228 | 3,548 | 4,927             |
| Of which:                 |               |       |       |                   |
| USSR .....                | 390           | 781   | 1,251 | 1,816             |
| Eastern Europe .....      | 335           | 528   | 882   | 1,154             |
| Developed Countries ..... | 374           | 607   | 962   | 1,363             |
| OECD <sup>3</sup> .....   | 426           | 633   | 1,058 | 1,441             |
| Romania                   |               |       |       |                   |
| Total .....               | 717           | 1,102 | 1,851 | 2,586             |
| Of which:                 |               |       |       |                   |
| USSR .....                | 281           | 438   | 529   | N.A.              |
| Eastern Europe .....      | 189           | 260   | 395   | N.A.              |
| Developed Countries ..... | 146           | 255   | 550   | N.A.              |
| OECD <sup>3</sup> .....   | 138           | 284   | 552   | N.A.              |

<sup>1</sup> Domestic currency converted into US dollars at the exchange rate prevailing at time of transactions. Exports are on a f.o.b. basis.

<sup>2</sup> Official East European statistics.

<sup>3</sup> Except for 1972, data are from OECD, Trade by Commodity, Series C, and Department of Commerce, Value Series.

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Table 49  
East European Imports, by Country <sup>1</sup>

|                          | Million US \$ |       |       |                   |
|--------------------------|---------------|-------|-------|-------------------|
|                          | 1960          | 1965  | 1970  | 1972 <sup>2</sup> |
| Bulgaria                 |               |       |       |                   |
| Total.....               | 633           | 1,178 | 1,831 | 2,525             |
| Of which:                |               |       |       |                   |
| USSR.....                | 332           | 589   | 955   | N.A.              |
| Eastern Europe.....      | 174           | 236   | 372   | N.A.              |
| Developed Countries..... | 84            | 242   | 324   | N.A.              |
| OECD <sup>3</sup> .....  | 79            | 221   | 327   | N.A.              |
| Czechoslovakia           |               |       |       |                   |
| Total.....               | 1,816         | 2,672 | 3,695 | 4,662             |
| Of which:                |               |       |       |                   |
| USSR.....                | 630           | 955   | 1,209 | 1,548             |
| Eastern Europe.....      | 524           | 851   | 1,124 | 3,132             |
| Developed Countries..... | 327           | 487   | 880   | 1,039             |
| OECD <sup>3</sup> .....  | 281           | 445   | 776   | 1,084             |
| East Germany             |               |       |       |                   |
| Total.....               | 2,194         | 2,810 | 4,847 | 6,014             |
| Of which:                |               |       |       |                   |
| USSR.....                | 958           | 1,205 | 1,945 | 2,108             |
| Eastern Europe.....      | 496           | 693   | 1,246 | 1,671             |
| Developed Countries..... | 473           | 619   | 1,267 | 1,809             |
| OECD <sup>3</sup> .....  | 412           | 597   | 1,093 | 1,837             |
| Hungary                  |               |       |       |                   |
| Total.....               | 976           | 1,520 | 2,505 | 3,154             |
| Of which:                |               |       |       |                   |
| USSR.....                | 303           | 553   | 832   | 1,094             |
| Eastern Europe.....      | 317           | 415   | 726   | 885               |
| Developed Countries..... | 235           | 381   | 623   | N.A.              |
| OECD <sup>3</sup> .....  | 191           | 293   | 623   | N.A.              |
| Poland                   |               |       |       |                   |
| Total.....               | 1,495         | 2,340 | 3,608 | 5,329             |
| Of which:                |               |       |       |                   |
| USSR.....                | 465           | 728   | 1,361 | 1,591             |
| Eastern Europe.....      | 400           | 706   | 1,000 | 1,491             |
| Developed Countries..... | 436           | 548   | 901   | 1,747             |
| OECD <sup>3</sup> .....  | 449           | 484   | 865   | 1,755             |
| Romania                  |               |       |       |                   |
| Total.....               | 648           | 1,077 | 1,960 | 2,613             |
| Of which:                |               |       |       |                   |
| USSR.....                | 266           | 406   | 501   | N.A.              |
| Eastern Europe.....      | 173           | 210   | 441   | N.A.              |
| Developed Countries..... | 149           | 348   | 756   | N.A.              |
| OECD <sup>3</sup> .....  | 135           | 319   | 698   | N.A.              |

<sup>1</sup> Domestic currency converted into US dollars at the exchange rate prevailing at time of transactions. Imports are f.o.b. except for Hungary which is on a c.i.f. basis. Romania does not indicate whether imports are f.o.b. or c.i.f.

<sup>2</sup> Official East European statistics.

<sup>3</sup> Except for 1972, data are from OECD, Trade by Commodity, Series C, and Department of Commerce, Value Series.

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Table 50

## Yugoslav Foreign Trade

Million US \$

|                          | 1960 | 1965  | 1970  | 1972  |
|--------------------------|------|-------|-------|-------|
| <b>Exports</b>           |      |       |       |       |
| Total.....               | 566  | 1,092 | 1,680 | 2,135 |
| Of which:                |      |       |       |       |
| USSR.....                | 53   | 188   | 242   | 314   |
| Eastern Europe.....      | 129  | 270   | 297   | 435   |
| Developed Countries..... | 275  | 437   | 894   | N.A.  |
| OECD.....                | 297  | 465   | 939   | N.A.  |
| <b>Imports</b>           |      |       |       |       |
| Total.....               | 826  | 1,289 | 2,874 | 3,080 |
| Of which:                |      |       |       |       |
| USSR.....                | 57   | 108   | 193   | 270   |
| Eastern Europe.....      | 154  | 260   | 395   | 485   |
| Developed Countries..... | 498  | 670   | 1,902 | N.A.  |
| OECD.....                | 495  | 717   | 1,935 | N.A.  |

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Table 51

Exports by Selected Non-Communist Countries <sup>1</sup>

Million US \$

|                                  | 1960   | 1965    | 1970    | 1972               |
|----------------------------------|--------|---------|---------|--------------------|
| OECD.....                        | 82,900 | 125,000 | 220,000 | 293,000            |
| United States <sup>2</sup> ..... | 19,659 | 26,751  | 42,659  | 49,208             |
| Australia.....                   | 1,962  | 3,005   | 4,770   | 6,456              |
| Canada.....                      | 5,830  | 8,450   | 16,745  | 21,025             |
| Japan.....                       | 4,055  | 8,459   | 19,333  | 28,620             |
| Spain.....                       | 726    | 967     | 2,386   | 3,791              |
| Sweden.....                      | 2,566  | 3,971   | 6,795   | 8,749              |
| Switzerland.....                 | 1,879  | 2,960   | 5,132   | 6,817              |
| European Community.....          | 42,300 | 64,700  | 113,000 | 155,000            |
| Belgium-Luxembourg.....          | 3,791  | 6,394   | 11,600  | 16,081             |
| Denmark.....                     | 1,494  | 2,320   | 3,355   | 4,410              |
| France.....                      | 6,864  | 10,179  | 18,094  | 26,423             |
| Ireland.....                     | 428    | 619     | 1,120   | 1,605              |
| Italy.....                       | 3,648  | 7,200   | 13,206  | 18,548             |
| Netherlands.....                 | 4,028  | 6,397   | 11,773  | 16,782             |
| United Kingdom.....              | 10,611 | 13,722  | 19,351  | 24,361             |
| West Germany.....                | 11,418 | 17,893  | 34,189  | 46,695             |
| Other Countries.....             |        |         |         |                    |
| Algeria.....                     | 558    | 637     | 1,009   | N.A.               |
| Argentina.....                   | 1,079  | 1,493   | 1,773   | 1,868              |
| Brazil.....                      | 1,269  | 1,596   | 2,739   | 3,987              |
| Chile.....                       | 488    | 685     | 1,247   | 850                |
| Colombia.....                    | 466    | 539     | 727     | 586                |
| Egypt.....                       | 568    | 605     | 762     | 825                |
| Hong Kong.....                   | 689    | 1,143   | 2,514   | 3,477              |
| India.....                       | 1,331  | 1,687   | 2,026   | 2,413              |
| Indonesia.....                   | 841    | 708     | 1,009   | 1,880              |
| Iran.....                        | 845    | 1,303   | 2,355   | 2,937              |
| Iraq.....                        | 654    | 882     | 1,099   | 1,176              |
| Israel.....                      | 217    | 430     | 776     | 1,124              |
| Kuwait.....                      | 960    | 1,244   | 1,580   | 2,407 <sup>3</sup> |
| Libya.....                       | 11     | 797     | 2,366   | 2,683 <sup>3</sup> |
| Malaysia.....                    | 1,189  | 1,236   | 1,687   | 1,721              |
| Mexico.....                      | 764    | 1,120   | 1,402   | 1,814              |
| Nigeria.....                     | 475    | 751     | 1,240   | 2,146              |
| Pakistan.....                    | 393    | 528     | 723     | 681                |
| Peru.....                        | 430    | 666     | 1,044   | 943                |
| Philippines.....                 | 560    | 768     | 1,062   | 1,105              |
| Saudi Arabia.....                | 820    | 1,395   | 2,361   | 3,845 <sup>3</sup> |
| Singapore.....                   | 1,136  | 981     | 1,554   | 2,181              |
| South Africa.....                | 1,260  | 1,500   | 2,186   | 2,673              |
| South Korea.....                 | 33     | 175     | 835     | 1,624              |
| Taiwan.....                      | 164    | 450     | 1,428   | 3,114              |
| Thailand.....                    | 408    | 622     | 710     | 1,063              |
| Venezuela.....                   | 2,432  | 2,482   | 2,655   | 3,170              |
| Zaire.....                       | N.A.   | 318     | 735     | 692                |
| Zambia.....                      | N.A.   | 533     | 1,001   | 670 <sup>3</sup>   |

<sup>1</sup> Exports are f.o.b.<sup>2</sup> Excluding Department of Defense shipments.<sup>3</sup> Data are for 1971.

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Table 52

Imports by Selected Non-Communist Countries <sup>1</sup>

Million US \$

|                         | 1960   | 1965    | 1970    | 1972             |
|-------------------------|--------|---------|---------|------------------|
| OECD.....               | 86,400 | 133,000 | 230,000 | 305,000          |
| United States.....      | 16,375 | 23,185  | 42,389  | 58,944           |
| Australia.....          | 2,704  | 3,767   | 5,060   | 5,144            |
| Canada.....             | 6,166  | 8,687   | 14,482  | 20,497           |
| Japan.....              | 4,491  | 8,176   | 18,897  | 23,494           |
| Spain.....              | 722    | 3,004   | 4,717   | 6,732            |
| Sweden.....             | 2,901  | 4,377   | 7,007   | 8,062            |
| Switzerland.....        | 2,243  | 3,697   | 6,485   | 8,465            |
| European Community..... | 45,100 | 69,200  | 116,000 | 155,000          |
| Belgium-Luxembourg..... | 3,969  | 6,501   | 11,413  | 15,606           |
| Denmark.....            | 1,806  | 2,823   | 4,406   | 5,053            |
| France.....             | 6,281  | 10,386  | 19,127  | 27,002           |
| Ireland.....            | 633    | 1,041   | 1,622   | 2,108            |
| Italy.....              | 4,725  | 7,378   | 14,969  | 19,282           |
| Netherlands.....        | 4,531  | 7,470   | 13,424  | 17,421           |
| United Kingdom.....     | 13,033 | 16,104  | 21,724  | 28,048           |
| West Germany.....       | 10,107 | 17,473  | 29,815  | 40,192           |
| Other Countries         |        |         |         |                  |
| Algeria.....            | 1,265  | 671     | 1,257   | N.A.             |
| Argentina.....          | 1,249  | 1,199   | 1,694   | 1,840            |
| Brazil.....             | 1,462  | 1,096   | 2,849   | 4,750            |
| Chile.....              | 526    | 604     | 931     | 1,430            |
| Colombia.....           | 519    | 454     | 755     | 836              |
| Egypt.....              | 668    | 933     | 785     | 877              |
| Hong Kong.....          | 1,026  | 1,569   | 2,905   | 3,902            |
| India.....              | 2,327  | 2,838   | 2,125   | 2,273            |
| Indonesia.....          | 578    | 695     | 893     | 1,620            |
| Iran.....               | N.A.   | 860     | 1,658   | 2,410            |
| Iraq.....               | 389    | 455     | 509     | 713              |
| Israel.....             | 503    | 836     | 1,451   | 1,897            |
| Kuwait.....             | 242    | 378     | 625     | 678 <sup>2</sup> |
| Libya.....              | 169    | 320     | 554     | 712 <sup>2</sup> |
| Malaysia.....           | 905    | 1,096   | 1,412   | 1,643            |
| Mexico.....             | 1,186  | 1,560   | 2,461   | 2,937            |
| Nigeria.....            | 604    | 770     | 1,059   | 1,501            |
| Pakistan.....           | 654    | 1,047   | 1,151   | 667              |
| Peru.....               | 373    | 744     | 603     | 791              |
| Philippines.....        | 663    | 894     | 1,210   | 1,370            |
| Saudi Arabia.....       | 235    | 506     | 693     | 806 <sup>2</sup> |
| Singapore.....          | 1,332  | 1,244   | 2,461   | 3,383            |
| South Africa.....       | 1,711  | 2,705   | 3,923   | 4,022            |
| South Korea.....        | 344    | 463     | 1,984   | 2,522            |
| Taiwan.....             | 297    | 556     | 1,524   | 2,843            |
| Thailand.....           | 453    | 735     | 1,293   | 1,484            |
| Venezuela.....          | 1,188  | 1,518   | 1,994   | 2,405            |
| Zaire.....              | N.A.   | 305     | 533     | 638              |
| Zambia.....             | N.A.   | 375     | 606     | 650 <sup>2</sup> |

<sup>1</sup> Imports are c.i.f.<sup>2</sup> Data are for 1971.

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Table 53

Trade Balance of Selected Non-Communist Countries

|                         | Million US \$ |        |        |                    |
|-------------------------|---------------|--------|--------|--------------------|
|                         | 1960          | 1965   | 1970   | 1972               |
| OECD.....               | -3,560        | -7,540 | -9,670 | -12,300            |
| United States.....      | 3,284         | 3,566  | 270    | -9,736             |
| Australia.....          | -742          | -762   | -290   | 1,312              |
| Canada.....             | -336          | -237   | 2,263  | 528                |
| Japan.....              | -436          | 283    | 436    | 5,126              |
| Spain.....              | 4             | -2,037 | -2,331 | -2,941             |
| Sweden.....             | -335          | -406   | -212   | 687                |
| Switzerland.....        | -364          | -737   | -1,353 | -1,648             |
| European Community..... | -2,800        | -4,450 | -3,810 | 192                |
| Belgium-Luxembourg..... | -178          | -107   | 187    | 475                |
| Denmark.....            | -312          | -503   | -1,051 | -643               |
| France.....             | 583           | -207   | -1,033 | -579               |
| Ireland.....            | -205          | -422   | -502   | -503               |
| Italy.....              | -1,077        | -178   | -1,763 | -734               |
| Netherlands.....        | -503          | -1,073 | -1,651 | -639               |
| United Kingdom.....     | -2,422        | -2,382 | -2,373 | -3,687             |
| West Germany.....       | 1,311         | 420    | 4,374  | 6,503              |
| Other Countries.....    |               |        |        |                    |
| Algeria.....            | -707          | -34    | -248   | N.A.               |
| Argentina.....          | -170          | 294    | 79     | 28                 |
| Brazil.....             | -193          | 500    | -110   | -763               |
| Chile.....              | -38           | 81     | 316    | -580               |
| Colombia.....           | -53           | 85     | -28    | -250               |
| Egypt.....              | -100          | -328   | -23    | -52                |
| Hong Kong.....          | -337          | -426   | -391   | -425               |
| India.....              | -996          | -1,151 | -99    | 140                |
| Indonesia.....          | 263           | 13     | 116    | 260                |
| Iran.....               | N.A.          | 443    | 697    | 527                |
| Iraq.....               | 265           | 427    | 590    | 463                |
| Israel.....             | -286          | -406   | -675   | -773               |
| Kuwait.....             | 718           | 866    | 955    | 1,729 <sup>1</sup> |
| Libya.....              | -158          | 477    | 1,812  | 1,971 <sup>1</sup> |
| Malaysia.....           | 284           | 140    | 275    | 78                 |
| Mexico.....             | -422          | -440   | -1,059 | -1,123             |
| Nigeria.....            | -129          | -19    | 181    | 645                |
| Pakistan.....           | -261          | -519   | -428   | 14                 |
| Peru.....               | 57            | -78    | 441    | 152                |
| Philippines.....        | -103          | -126   | -148   | -265               |
| Saudi Arabia.....       | 585           | 889    | 1,668  | 3,039 <sup>1</sup> |
| Singapore.....          | 4             | -263   | -907   | -1,202             |
| South Africa.....       | -451          | -1,205 | -1,737 | -1,349             |
| South Korea.....        | -311          | -288   | -1,149 | -898               |
| Taiwan.....             | -133          | -106   | -96    | 271                |
| Thailand.....           | -45           | -113   | -583   | -421               |
| Venezuela.....          | 1,244         | 964    | 661    | 765                |
| Zaire.....              | N.A.          | 13     | 202    | 54                 |
| Zambia.....             | N.A.          | 158    | 395    | 20 <sup>1</sup>    |

<sup>1</sup> Data are for 1971.

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Table 54

Arms Exports to the Less Developed Countries <sup>1</sup>

Million US \$

|                                  | 1955-66 | 1967  | 1968  | 1969  | 1970  | 1971  | 1972  | 1967-72 | 1955-72 |
|----------------------------------|---------|-------|-------|-------|-------|-------|-------|---------|---------|
| Total.....                       | 19,105  | 1,750 | 2,140 | 2,170 | 2,940 | 3,015 | 3,020 | 15,035  | 34,140  |
| Non-Communist Countries.....     | 14,790  | 1,215 | 1,555 | 1,655 | 1,855 | 2,035 | 2,175 | 10,485  | 25,275  |
| United States <sup>2</sup> ..... | 11,435  | 900   | 1,065 | 1,080 | 1,405 | 1,455 | 1,460 | 7,365   | 18,800  |
| Western Europe.....              | 2,740   | 295   | 460   | 480   | 415   | 465   | 615   | 2,730   | 5,470   |
| United Kingdom.....              | 1,380   | 135   | 170   | 160   | 145   | 165   | 125   | 900     | 2,280   |
| France.....                      | 665     | 90    | 175   | 215   | 140   | 120   | 265   | 1,005   | 1,670   |
| West Germany.....                | 250     | 35    | 55    | 35    | 75    | 70    | 100   | 370     | 620     |
| Italy.....                       | 140     | 20    | 30    | 15    | 25    | 45    | 50    | 185     | 325     |
| Belgium.....                     | 100     | 5     | 15    | 15    | 10    | 15    | 5     | 65      | 165     |
| Switzerland.....                 | 100     | Negl. | Negl. | 5     | 15    | 15    | 20    | 55      | 155     |
| Netherlands.....                 | 25      | Negl. | 5     | 20    | 5     | 5     | 40    | 75      | 100     |
| Spain.....                       | 10      | 5     | 10    | 5     | Negl. | 15    | 5     | 40      | 50      |
| Other.....                       | 70      | 5     | Negl. | 10    | Negl. | 15    | 5     | 35      | 105     |
| Other.....                       | 610     | 20    | 30    | 95    | 35    | 115   | 100   | 395     | 1,005   |
| Communist Countries.....         | 4,320   | 535   | 585   | 515   | 1,085 | 980   | 845   | 4,545   | 8,865   |
| USSR.....                        | 3,590   | 485   | 500   | 440   | 985   | 830   | 710   | 3,950   | 7,540   |
| China.....                       | 120     | 25    | 25    | 25    | 25    | 65    | 75    | 240     | 360     |
| Eastern Europe.....              | 610     | 25    | 60    | 50    | 75    | 85    | 60    | 355     | 965     |

<sup>1</sup> Exports include military sales and downpayments, as well as military aid. Data have been rounded to the nearest \$5 million.

<sup>2</sup> Data are for fiscal years.

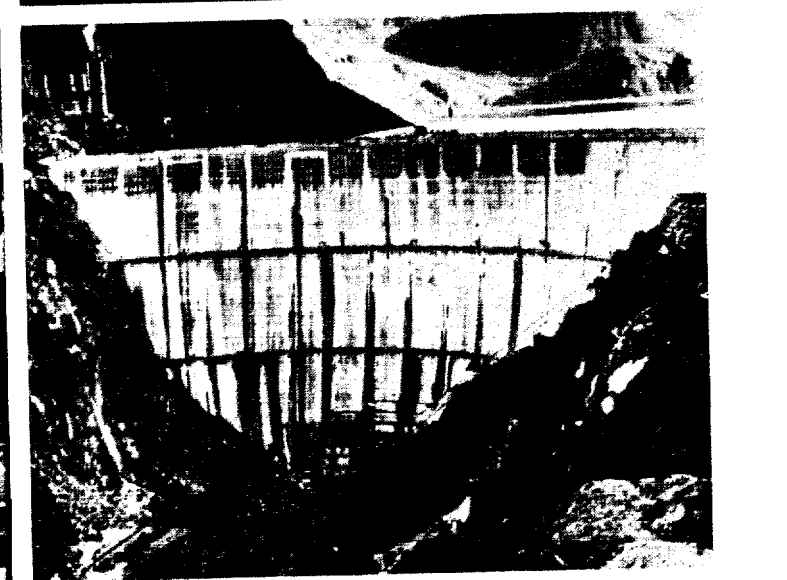
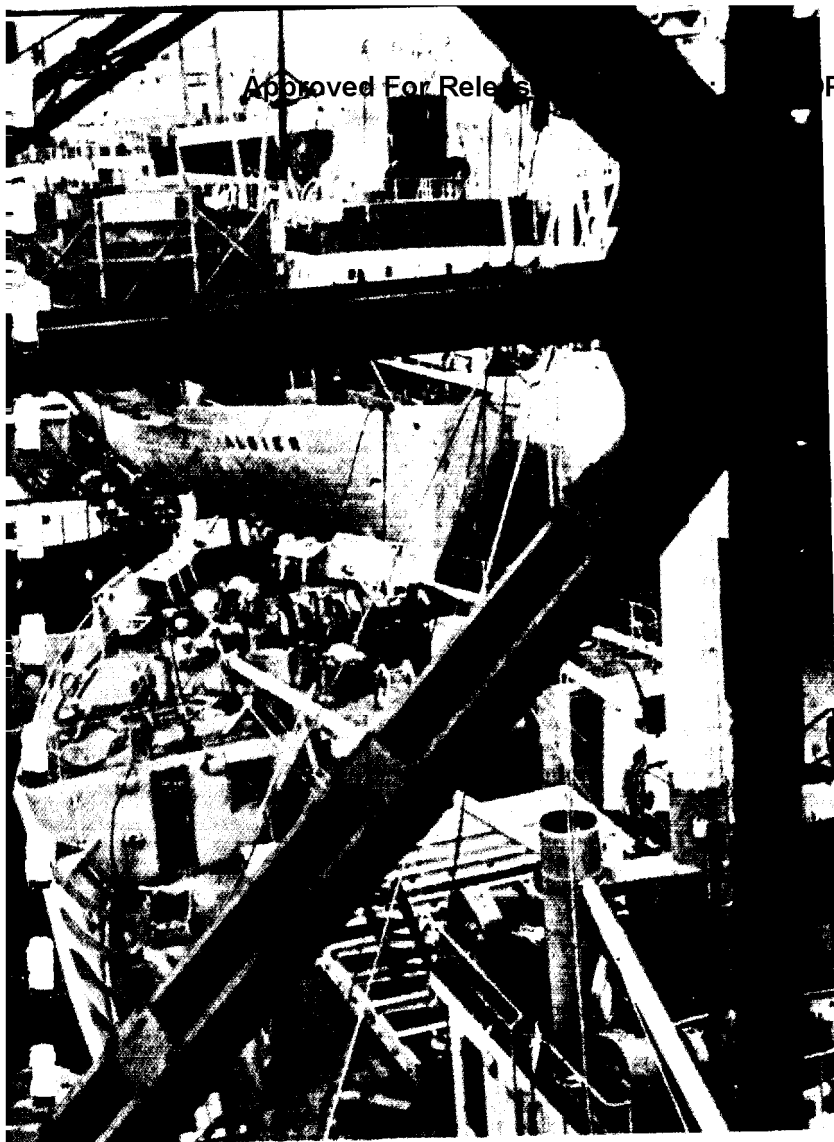


Table 55

Total Gross Official Bilateral Capital Flows from Developed Countries to Less Developed Countries,<sup>1</sup> by Donor

Million US \$

|   | 1954-71  | 1954-65 | 1966-71 | 1966   | 1967   | 1968             | 1969             | 1970   | 1971   |
|---|----------|---------|---------|--------|--------|------------------|------------------|--------|--------|
| Total official bilateral flows.....             | 101,385* | 52,962* | 48,423* | 7,037* | 7,387* | 7,466*           | 7,986*           | 8,555* | 9,992* |
| Development Assistance Committee <sup>2</sup> . | 95,700   | 50,457  | 45,243  | 6,542  | 6,897  | 6,981            | 7,496            | 8,035  | 9,292  |
| United States.....                              | 54,207   | 31,786  | 22,421  | 3,799  | 3,804  | 3,775            | 3,533            | 3,510  | 4,000  |
| France.....                                     | 14,630   | 8,951   | 5,679   | 791    | 828    | 913              | 990              | 1,039  | 1,118  |
| United Kingdom.....                             | 6,586    | 3,568   | 3,018   | 530    | 508    | 458              | 430              | 487    | 605    |
| West Germany.....                               | 6,641    | 2,540   | 4,101   | 556    | 611    | 643              | 676              | 718    | 897    |
| Japan <sup>3</sup> .....                        | 5,019    | 797     | 4,222   | 204    | 288    | 334 <sup>4</sup> | 936 <sup>5</sup> | 1,177  | 1,283  |
| Other <sup>6</sup> .....                        | 8,617    | 2,815   | 5,802   | 662    | 858    | 858              | 931              | 1,104  | 1,389  |
| Communist Countries.....                        | 5,685*   | 2,505*  | 3,180*  | 495*   | 490*   | 485*             | 490*             | 520*   | 700*   |
| USSR.....                                       | 3,850*   | 1,885*  | 1,965*  | 335*   | 295*   | 295*             | 320*             | 335*   | 385*   |
| Eastern Europe.....                             | 1,130*   | 445*    | 685*    | 80*    | 115*   | 120*             | 100*             | 120*   | 150*   |
| China.....                                      | 705*     | 175*    | 530*    | 80*    | 80*    | 70*              | 70*              | 65*    | 165*   |

\*An asterisk indicates that the data are CONFIDENTIAL.

<sup>1</sup> Total gross official capital flows include grants (less reparation and indemnification payments); gross loans with maturities of five years or more (Development Assistance Committee (DAC) member flows include gross loans with maturities of one to five years for the period 1965-71, but these amount to less than 4% of the total for that period); and net grant-like flows (loans repayable in recipients' currencies and transfers of resources through sales for recipients' currencies).

<sup>2</sup> Members of the Organization for Economic Cooperation and Development.

<sup>3</sup> Data for the period 1954-68 exclude Japanese Eximbank and Overseas Economic Cooperation Fund supplier credits.

<sup>4</sup> Including reparation and indemnification payments of US \$46 million.

<sup>5</sup> Including reparation and indemnification payments of US \$41 million.

<sup>6</sup> Including Australia, Austria, Belgium, Canada, Denmark, Italy, Norway, the Netherlands, Portugal, Sweden, and Switzerland. Disbursements by all donors to Yugoslavia are excluded.



Table 56

Total Gross Official Bilateral Capital Flows to Less Developed Countries,<sup>1</sup> by Recipient, 1954-71

Million US \$

|                                 | Communist Countries |        |        |                |       | Development Assistance Committee Members <sup>2</sup> |               |                    |
|---------------------------------|---------------------|--------|--------|----------------|-------|---|---------------|--------------------|
|                                 | Total               | Total  | USSR   | Eastern Europe | China | Total   | United States | Other <sup>3</sup> |
| Total.....                      | 101,385*            | 5,685* | 3,850* | 1,130*         | 705*  | 95,700  | 54,207        | 41,493             |
| Africa.....                     | 21,679*             | 815*   | 435*   | 110*           | 270*  | 20,864  | 4,264         | 16,600             |
| Algeria.....                    | 4,346*              | 180*   | 135*   | 10*            | 35*   | 4,166   | 185           | 3,981              |
| Guinea.....                     | 304*                | 160*   | 80*    | 30*            | 50*   | 144   | 96            | 48                 |
| Other.....                      | 17,029*             | 475*   | 220*   | 70*            | 185*  | 16,554  | 3,983         | 12,571             |
| East Asia.....                  | 20,510*             | 445*   | 135*   | 165*           | 145*  | 20,065  | 14,612        | 5,453              |
| Indonesia.....                  | 3,472*              | 305*   | 105*   | 155*           | 45*   | 3,167   | 1,401         | 1,766              |
| South Korea.....                | 4,915               | ....   | ....   | ....           | ....  | 4,915   | 4,156         | 759                |
| South Vietnam.....              | 5,138               | ....   | ....   | ....           | ....  | 5,138   | 4,971         | 167                |
| Other.....                      | 6,935*              | 140*   | 30*    | 10*            | 100*  | 6,845   | 4,084         | 2,761              |
| Latin America.....              | 15,969*             | 180*   | 55*    | 125*           | ....  | 15,779  | 11,348        | 4,431              |
| Brazil.....                     | 3,747*              | 125*   | 20*    | 105*           | ....  | 3,622   | 3,054         | 568                |
| Chile.....                      | 1,639               | ....   | ....   | ....           | ....  | 1,639   | 1,340         | 299                |
| Other.....                      | 10,573*             | 55*    | 35*    | 20*            | ....  | 10,518  | 6,954         | 3,564              |
| Middle East and South Asia..... | 33,568*             | 4,245* | 3,225* | 730*           | 290*  | 29,263  | 20,353        | 8,910              |
| Afghanistan.....                | 1,069*              | 610*   | 580*   | 10*            | 20*   | 489   | 295           | 194                |
| Egypt.....                      | 2,670*              | 1,000* | 730*   | 235*           | 35*   | 1,670   | 1,247         | 423                |
| India.....                      | 13,680*             | 1,190* | 980*   | 210*           | ....  | 12,490  | 8,573         | 3,917              |
| Iran.....                       | 1,622*              | 390*   | 310*   | 80*            | ....  | 1,232   | 961           | 271                |
| Iraq.....                       | 282*                | 200*   | 150*   | 50*            | ....  | 82  | 53            | 29                 |
| Pakistan.....                   | 5,730*              | 165*   | 90*    | 20*            | 55*   | 5,565   | 4,014         | 1,551              |
| Syria.....                      | 323*                | 260*   | 170*   | 80*            | 10*   | 68  | 32            | 36                 |
| Turkey.....                     | 2,963*              | 110*   | 95*    | 15*            | ....  | 2,856   | 2,159         | 697                |
| Yemen (San'a).....              | 190*                | 125*   | 65*    | 10*            | 50*   | 74  | 55            | 19                 |
| Other.....                      | 4,932*              | 195*   | 55*    | 20*            | 120*  | 4,737   | 2,964         | 1,773              |
| Europe.....                     | 2,155               | ....   | ....   | ....           | ....  | 2,155   | 1,489         | 666                |
| Other <sup>4</sup> .....        | 7,574               | ....   | ....   | ....           | ....  | 7,574   | 2,141         | 5,433              |

\*An asterisk indicates that the data are CONFIDENTIAL.

<sup>1</sup> Total gross official capital flows include grants (less reparation and indemnification payments); gross loans with maturities of five years or more (Development Assistance Committee (DAC) member flows include gross loans with maturities of one to five years for the period 1965-71, but these amount to less than 4% of the total for that period); and net grant-like flows (loans repayable in recipients' currencies and transfers of resources through sales for recipients' currencies).

<sup>2</sup> Members of the Organization for Economic Cooperation and Development.

<sup>3</sup> Including Australia, Austria, Belgium, Canada, Denmark, France, Italy, Japan, Norway, the Netherlands, Portugal, Sweden, Switzerland, the United Kingdom, and West Germany. Data for Japan for the period 1954-68 exclude Japanese Eximbank and Overseas Economic Cooperation Fund supplier credits. Australia became a member of the DAC in 1966, and its bilateral flows are counted since 1965.

<sup>4</sup> Countries not specified by region and Oceania.

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Table 57

US Economic Loans and Grants to the Less Developed Countries, by Recipient <sup>1</sup>

Million US \$

|                                 | 1946-72 <sup>2</sup> | 1971 <sup>3</sup> | 1972 <sup>3</sup> |
|---------------------------------|----------------------|-------------------|-------------------|
| Total.....                      | 77,715               | 4,088             | 5,337             |
| Africa.....                     | 5,265                | 411               | 432               |
| Ethiopia.....                   | 298                  | 23                | 33                |
| Ghana.....                      | 300                  | 22                | 15                |
| Liberia.....                    | 296                  | 11                | 17                |
| Morocco.....                    | 857                  | 78                | 58                |
| Nigeria.....                    | 422                  | 41                | 40                |
| Tunisia.....                    | 753                  | 54                | 49                |
| Zaire.....                      | 452                  | 29                | 6                 |
| Other.....                      | 1,887                | 153               | 214               |
| East Asia.....                  | 21,084               | 1,354             | 1,499             |
| Cambodia.....                   | 388                  | 77                | 58                |
| Indonesia.....                  | 1,667                | 180               | 246               |
| Laos.....                       | 793                  | 50                | 52                |
| Philippines.....                | 1,808                | 125               | 112               |
| South Korea.....                | 5,635                | 223               | 299               |
| South Vietnam.....              | 5,814                | 576               | 455               |
| Taiwan.....                     | 2,606                | 70                | 188               |
| Thailand.....                   | 674                  | 25                | 36                |
| Other.....                      | 1,699                | 28                | 53                |
| Latin America.....              | 16,654               | 647               | 1,170             |
| Argentina.....                  | 865                  | 39                | 45                |
| Bolivia.....                    | 592                  | 12                | 60                |
| Brazil.....                     | 4,120                | 193               | 322               |
| Chile.....                      | 1,485                | 9                 | 9                 |
| Colombia.....                   | 1,475                | 103               | 135               |
| Dominican Republic.....         | 497                  | 28                | 30                |
| Ecuador.....                    | 322                  | 25                | 12                |
| Guatemala.....                  | 376                  | 20                | 17                |
| Mexico.....                     | 1,254                | 32                | 52                |
| Panama.....                     | 336                  | 20                | 64                |
| Peru.....                       | 720                  | 20                | 75                |
| Venezuela.....                  | 455                  | 15                | 44                |
| Other.....                      | 4,157                | 131               | 305               |
| Middle East and South Asia..... | 24,528               | 964               | 1,170             |
| Afghanistan.....                | 446                  | 15                | 36                |
| Bangladesh.....                 | 286                  | ....              | 286               |
| Egypt.....                      | 1,017                | ....              | 105               |
| Greece.....                     | 1,957                | 14                | 14                |
| India.....                      | 9,253                | 457               | 128               |
| Iran.....                       | 1,176                | 85                | 44                |
| Israel.....                     | 1,488                | 87                | 125               |
| Jordan.....                     | 676                  | 17                | 59                |
| Pakistan <sup>4</sup> .....     | 4,182                | 120               | 170               |
| Turkey.....                     | 2,827                | 94                | 102               |
| Other.....                      | 1,220                | 75                | 101               |
| Europe and Oceania.....         | 2,520                | 73                | 521               |
| Spain.....                      | 2,070                | 13                | 452               |
| Other.....                      | 450                  | 60                | 69                |
| Nonregional.....                | 7,664                | 638               | 544               |

<sup>1</sup> Data are for fiscal years and include economic and technical assistance and defense support obligations under the Foreign Assistance Act and antecedent legislation, authorized Inter-American Development Bank loans, PL 480 funds earmarked for shipments of surplus agricultural products, authorized long-term Export-Import Bank loans, and US contributions to international organizations.

<sup>2</sup> Data are reported on a net basis, excluding total deobligations.

<sup>3</sup> Data reported are on a gross basis. Deobligations generally are believed to be small.

<sup>4</sup> Including Bangladesh prior to 1972.

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Table 58

US Military Deliveries to the Less Developed Countries, by Recipient <sup>1</sup>

Million US \$

|                              | 1955-72 | 1971  | 1972  |
|------------------------------|---------|-------|-------|
| Total.....                   | 19,834  | 1,507 | 1,535 |
| Africa.....                  | 452     | 39    | 49    |
| Ethiopia.....                | 168     | 12    | 12    |
| Libya.....                   | 82      | 5     | 10    |
| Morocco.....                 | 75      | 9     | 4     |
| Tunisia.....                 | 36      | 2     | 2     |
| Zaire.....                   | 48      | 5     | 14    |
| Other.....                   | 43      | 6     | 7     |
| East Asia.....               | 8,296   | 444   | 479   |
| Burma.....                   | 83      | 2     | 1     |
| Malaysia.....                | 56      | 2     | 20    |
| Philippines.....             | 390     | 20    | 17    |
| South Korea.....             | 3,418   | 160   | 178   |
| Taiwan.....                  | 2,654   | 130   | 111   |
| Thailand.....                | 538     | 16    | 4     |
| Other.....                   | 1,157   | 114   | 148   |
| Latin America.....           | 1,376   | 93    | 111   |
| Argentina.....               | 182     | 20    | 23    |
| Brazil.....                  | 337     | 10    | 17    |
| Chile.....                   | 155     | 8     | 24    |
| Colombia.....                | 119     | 5     | 3     |
| Ecuador.....                 | 53      | 2     | 3     |
| Peru.....                    | 157     | 9     | 10    |
| Uruguay.....                 | 53      | 3     | 4     |
| Venezuela.....               | 143     | 20    | 8     |
| Other.....                   | 179     | 16    | 19    |
| Middle East and South Asia.. | 8,676   | 878   | 819   |
| Greece.....                  | 1,437   | 136   | 72    |
| India.....                   | 173     | 4     | 8     |
| Iran.....                    | 1,673   | 113   | 309   |
| Israel.....                  | 1,145   | 424   | 243   |
| Jordan.....                  | 267     | 39    | 35    |
| Pakistan.....                | 780     | 19    | 4     |
| Saudi Arabia.....            | 453     | 20    | 20    |
| Turkey.....                  | 2,649   | 120   | 122   |
| Other.....                   | 99      | 4     | 6     |
| Europe.....                  | 1,033   | 51    | 75    |
| Portugal.....                | 225     | 2     | 3     |
| Spain.....                   | 808     | 49    | 72    |

<sup>1</sup> Fiscal years. Including deliveries under the following programs: (a) Military Assistance Program (MAP) grants under the various Mutual Security Acts; (b) Foreign Military Sales (FMS), which consists of US-financed arms, US-guaranteed private arms credits, and US-approved commercial sales; and (c) Excess Stock Sales (ESS), which involve surplus equipment that has been valued at 33% of the original acquisition value. Excluding some \$15.7 billion worth of arms provided under the Military Assistance Service Funded (MASF) program; MASF was designed to support non-US forces engaged in combat in Indochina and was provided directly from the US military budget. South Vietnam began receiving MASF funds in March 1966 and Laos and Thailand in 1967. South Korea, which had a large force in South Vietnam, received some MASF support. US data also exclude some \$700 million in naval equipment made available under the Ship Loan and Lease Program.

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Table 59

Communist Economic Aid to Less Developed Countries, Extensions and Drawings

Million US \$

|              | Total    |        | USSR     |        | Eastern Europe |        | China    |        |
|--------------|----------|--------|----------|--------|----------------|--------|----------|--------|
|              | Extended | Drawn  | Extended | Drawn  | Extended       | Drawn  | Extended | Drawn  |
| Total.....   | 15,023   | 6,405* | 8,229    | 4,145* | 4,095          | 1,255* | 2,699    | 1,005* |
| 1954-65..... | 6,871    | 2,605* | 4,226    | 1,870* | 1,852          | 480*   | 793      | 255*   |
| 1966-72..... | 8,152    | 3,800* | 4,003    | 2,275* | 2,243          | 775*   | 1,906    | 750*   |
| 1966.....    | 1,591    | 495*   | 1,244    | 335*   | 228            | 80*    | 119      | 80*    |
| 1967.....    | 437      | 490*   | 269      | 295*   | 118            | 115*   | 50       | 80*    |
| 1968.....    | 596      | 485*   | 374      | 295*   | 166            | 120*   | 56       | 70*    |
| 1969.....    | 906      | 490*   | 476      | 320*   | 430            | 100*   | ....     | 70*    |
| 1970.....    | 1,091    | 520*   | 194      | 335*   | 188            | 120*   | 709      | 65*    |
| 1971.....    | 1,806    | 700*   | 865      | 385*   | 468            | 150*   | 473      | 165*   |
| 1972.....    | 1,725    | 620*   | 581      | 310*   | 645            | 90*    | 499      | 220*   |

\*An asterisk indicates that the data are CONFIDENTIAL.

Table 60

Communist Military Aid to Less Developed Countries, Extensions and Drawings

Million US \$

|              | Total    |         | USSR     |         | Eastern Europe |       | China    |       |
|--------------|----------|---------|----------|---------|----------------|-------|----------|-------|
|              | Extended | Drawn   | Extended | Drawn   | Extended       | Drawn | Extended | Drawn |
| Total.....   | 9,921 *  | 8,321 * | 8,475 *  | 7,124 * | 1,002 *        | 839 * | 444 *    | 358 * |
| 1955-65..... | 4,716 *  | 3,564 * | 4,050 *  | 3,017 * | 550 *          | 499 * | 116 *    | 48 *  |
| 1966-72..... | 5,205 *  | 4,757 * | 4,425 *  | 4,107 * | 452 *          | 340 * | 328 *    | 310 * |
| 1966.....    | 516 *    | 569 *   | 449 *    | 455 *   | 15 *           | 43 *  | 52 *     | 71 *  |
| 1967.....    | 647 *    | 488 *   | 515 *    | 443 *   | 75 *           | 21 *  | 57 *     | 24 *  |
| 1968.....    | 525 *    | 531 *   | 462 *    | 455 *   | 45 *           | 50 *  | 18 *     | 26 *  |
| 1969.....    | 427 *    | 469 *   | 338 *    | 408 *   | 86 *           | 36 *  | 3 *      | 25 *  |
| 1970.....    | 1,073 *  | 1,021 * | 984 *    | 926 *   | 34 *           | 71 *  | 55 *     | 24 *  |
| 1971.....    | 1,518 *  | 904 *   | 1,367 *  | 764 *   | 85 *           | 75 *  | 66 *     | 65 *  |
| 1972.....    | 499 *    | 775 *   | 310 *    | 656 *   | 112 *          | 44 *  | 77 *     | 75 *  |

\*An asterisk indicates that the data are CONFIDENTIAL.

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Table 61

Soviet Economic Aid Extended to Less Developed Countries, by Recipient  
Million US \$

|                                 | 1954-72 | 1971 | 1972 |
|---------------------------------|---------|------|------|
| Total.....                      | 8,229   | 865  | 581  |
| Africa.....                     | 1,252   | 192  | .... |
| Algeria.....                    | 421     | 189  | .... |
| Ethiopia.....                   | 102     | .... | .... |
| Ghana.....                      | 93      | .... | .... |
| Guinea.....                     | 168     | .... | .... |
| Kenya.....                      | 48      | .... | .... |
| Mali.....                       | 60      | .... | .... |
| Morocco.....                    | 88      | .... | .... |
| Sierra Leone.....               | 28      | .... | .... |
| Somalia.....                    | 66      | .... | .... |
| Sudan.....                      | 64      | .... | .... |
| Tanzania.....                   | 20      | .... | .... |
| Tunisia.....                    | 34      | .... | .... |
| Other.....                      | 60      | 3    | .... |
| East Asia.....                  | 154     | .... | .... |
| Indonesia.....                  | 114     | .... | .... |
| Other.....                      | 40      | .... | .... |
| Latin America.....              | 448     | 41   | 144  |
| Argentina.....                  | 45      | .... | .... |
| Bolivia.....                    | 30      | 2    | .... |
| Brazil.....                     | 85      | .... | .... |
| Chile.....                      | 238     | 39   | 144  |
| Other.....                      | 50      | .... | .... |
| Middle East and South Asia..... | 6,375   | 632  | 437  |
| Afghanistan.....                | 826     | 5    | 121  |
| Bangladesh.....                 | 74      | .... | 74   |
| Egypt.....                      | 1,198   | 196  | .... |
| India.....                      | 1,593   | .... | .... |
| Iran.....                       | 562     | .... | .... |
| Iraq.....                       | 549     | 222  | .... |
| Pakistan <sup>1</sup> .....     | 474     | 209  | .... |
| Sri Lanka.....                  | 38      | .... | .... |
| Syria.....                      | 317     | .... | 84   |
| Turkey.....                     | 534     | .... | 158  |
| Yemen (San'a).....              | 92      | .... | .... |
| Other.....                      | 118     | .... | .... |

<sup>1</sup> Including Bangladesh prior to 1972.

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ALL DATA IN THIS TABLE ARE CONFIDENTIAL

Table 62

Soviet Military Aid Extended to and Drawn by the Less Developed Countries

Million US \$

|                                 | Extended |       |      | Drawn   |       |       |
|---------------------------------|----------|-------|------|---------|-------|-------|
|                                 | 1956-72  | 1971  | 1972 | 1956-72 | 1971  | 1972  |
| Total.....                      | 8,475    | 1,367 | 310  | 7,124   | 764   | 656   |
| Africa.....                     | 604      | 125   | .... | 482     | 39    | 19    |
| Algeria.....                    | 395      | 100   | .... | 291     | 25    | 5     |
| Burundi.....                    | Negl.    | ....  | .... | Negl.   | ....  | ....  |
| Congo.....                      | 14       | ....  | .... | 7       | 5     | ....  |
| Equatorial Guinea.....          | Negl.    | Negl. | .... | Negl.   | Negl. | Negl. |
| Ghana.....                      | 10       | ....  | .... | 10      | ....  | ....  |
| Guinea.....                     | 25       | 15    | .... | 23      | 5     | 8     |
| Mali.....                       | 6        | 2     | .... | 5       | 1     | Negl. |
| Morocco.....                    | 13       | ....  | .... | 13      | ....  | ....  |
| Nigeria.....                    | 9        | ....  | .... | 9       | ....  | ....  |
| Somalia.....                    | 54       | 8     | .... | 53      | 1     | 6     |
| Sudan.....                      | 66       | ....  | .... | 62      | 2     | ....  |
| Tanzania.....                   | 2        | ....  | .... | 2       | ....  | ....  |
| Uganda.....                     | 10       | ....  | .... | 7       | ....  | ....  |
| East Asia.....                  | 1,104    | ....  | .... | 868     | ....  | ....  |
| Burma.....                      | Negl.    | ....  | .... | Negl.   | Negl. | ....  |
| Cambodia.....                   | 12       | ....  | .... | 10      | ....  | ....  |
| Indonesia.....                  | 1,092    | ....  | .... | 858     | ....  | ....  |
| Middle East and South Asia..... | 6,767    | 1,242 | 310  | 5,774   | 725   | 637   |
| Afghanistan.....                | 455      | 107   | .... | 296     | 10    | 11    |
| Bangladesh.....                 | N.A.     | ....  | N.A. | ....    | ....  | ....  |
| Cyprus.....                     | 26       | ....  | .... | 18      | ....  | ....  |
| Egypt.....                      | 2,685    | 400   | 150  | 2,645   | 350   | 250   |
| India.....                      | 1,232    | 205   | 98   | 906     | 153   | 84    |
| Iran.....                       | 480      | 155   | .... | 333     | 75    | 73    |
| Iraq.....                       | 1,002    | 250   | .... | 750     | 30    | 80    |
| Lebanon.....                    | 3        | 3     | .... | 3       | ....  | 3     |
| Maldives.....                   | Negl.    | Negl. | .... | Negl.   | ....  | ....  |
| Pakistan <sup>1</sup> .....     | 64       | ....  | .... | 20      | ....  | ....  |
| Sri Lanka.....                  | 2        | 2     | .... | 2       | 2     | ....  |
| Syria.....                      | 714      | 110   | 62   | 698     | 100   | 125   |
| Yemen (Aden).....               | 27       | 10    | .... | 26      | 5     | 11    |
| Yemen (San'a).....              | 77       | ....  | .... | 77      | ....  | ....  |

<sup>1</sup> Including Bangladesh prior to 1972.

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Table 63

Chinese Economic Aid Extended to Less Developed Countries, by Recipient

Million US \$

|                                  | 1956-72 | 1971 | 1972 |
|----------------------------------|---------|------|------|
| Total .....                      | 2,699   | 473  | 499  |
| Africa .....                     | 1,322   | 295  | 210  |
| Algeria .....                    | 92      | 40   | .... |
| Burundi .....                    | 20      | .... | 20   |
| Central African Republic .....   | 4       | .... | .... |
| Congo .....                      | 25      | .... | .... |
| Dahomey .....                    | 44      | .... | 44   |
| Ethiopia .....                   | 84      | 84   | .... |
| Ghana .....                      | 40      | .... | .... |
| Guinea .....                     | 66      | .... | .... |
| Kenya .....                      | 18      | .... | .... |
| Malagasy Republic .....          | 9       | .... | 9    |
| Mali .....                       | 55      | .... | .... |
| Mauritania .....                 | 25      | 20   | .... |
| Mauritius .....                  | 34      | .... | 34   |
| Rwanda .....                     | 22      | .... | 22   |
| Somalia .....                    | 132     | 110  | .... |
| Sudan .....                      | 82      | 40   | .... |
| Tanzania .....                   | 256     | 1    | .... |
| Togo .....                       | 45      | .... | 45   |
| Tunisia .....                    | 36      | .... | 36   |
| Uganda .....                     | 15      | .... | .... |
| Zambia .....                     | 218     | .... | .... |
| East Asia .....                  | 281     | 57   | .... |
| Burma .....                      | 84      | 57   | .... |
| Cambodia .....                   | 92      | .... | .... |
| Indonesia .....                  | 105     | .... | .... |
| Latin America .....              | 133     | 44   | 89   |
| Chile .....                      | 65      | 2    | 63   |
| Guyana .....                     | 26      | .... | 26   |
| Peru .....                       | 42      | 42   | .... |
| Middle East and South Asia ..... | 963     | 77   | 200  |
| Afghanistan .....                | 73      | .... | 45   |
| Egypt .....                      | 106     | .... | .... |
| Iraq .....                       | 45      | 45   | .... |
| Malta .....                      | 45      | .... | 45   |
| Nepal .....                      | 62      | .... | .... |
| Pakistan <sup>1</sup> .....      | 309     | .... | .... |
| Sri Lanka .....                  | 129     | 32   | 44   |
| Syria .....                      | 61      | .... | 45   |
| Yemen (Aden) .....               | 55      | .... | .... |
| Yemen (San'a) .....              | 78      | .... | 21   |

<sup>1</sup> Including Bangladesh prior to 1972.

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Table 64

Chinese Military Aid Extended to and Drawn by the Less Developed Countries, by Recipient  
Million US \$

|                                 | Extended |       |       | Drawn   |       |       |
|---------------------------------|----------|-------|-------|---------|-------|-------|
|                                 | 1958-72  | 1971  | 1972  | 1958-72 | 1971  | 1972  |
| Total.....                      | 444      | 66    | 77    | 358     | 65    | 75    |
| Africa.....                     | 66       | 1     | 11    | 56      | 28    | 5     |
| Algeria.....                    | 12       | ....  | ....  | 12      | ....  | ....  |
| Burundi.....                    | 2        | ....  | 2     | ....    | ....  | ....  |
| Congo.....                      | 4        | Negl. | 1     | 3       | 2     | ....  |
| Equatorial Guinea.....          | Negl.    | ....  | Negl. | ....    | ....  | ....  |
| Guinea.....                     | 2        | 1     | ....  | 1       | 1     | ....  |
| Mali.....                       | Negl.    | Negl. | ....  | Negl.   | Negl. | Negl. |
| Sierra Leone.....               | Negl.    | Negl. | ....  | Negl.   | Negl. | Negl. |
| Sudan.....                      | 3        | ....  | 3     | 2       | ....  | 2     |
| Tanzania.....                   | 43       | ....  | 5     | 38      | 25    | 3     |
| Zambia.....                     | Negl.    | Negl. | ....  | Negl.   | ....  | Negl. |
| East Asia.....                  | 35       | ....  | ....  | 34      | ....  | ....  |
| Cambodia.....                   | 14       | ....  | ....  | 13      | ....  | ....  |
| Indonesia.....                  | 21       | ....  | ....  | 21      | ....  | ....  |
| Middle East and South Asia..... | 343      | 65    | 66    | 268     | 37    | 70    |
| Iraq.....                       | Negl.    | Negl. | ....  | ....    | ....  | ....  |
| Pakistan <sup>1</sup> .....     | 335      | 60    | 65    | 260     | 36    | 64    |
| Sri Lanka.....                  | 6        | 5     | 1     | 6       | ....  | 6     |
| Syria.....                      | 2        | ....  | ....  | 2       | 1     | ....  |

<sup>1</sup> Including Bangladesh prior to 1972.



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Table 65

## East European Economic Aid Extended to Less Developed Countries, by Recipient

Million US \$

|                                 | 1954-72 | 1971 | 1972 |
|---------------------------------|---------|------|------|
| Total.....                      | 4,095   | 468  | 645  |
| Africa.....                     | 785     | 99   | 209  |
| Algeria.....                    | 246     | .... | 150  |
| Ethiopia.....                   | 17      | .... | .... |
| Ghana.....                      | 102     | .... | .... |
| Guinea.....                     | 25      | .... | .... |
| Mali.....                       | 23      | .... | .... |
| Morocco.....                    | 40      | .... | .... |
| Nigeria.....                    | 38      | 24   | .... |
| Somalia.....                    | 5       | .... | 2    |
| Sudan.....                      | 153     | 75   | .... |
| Tanzania.....                   | 13      | .... | 7    |
| Tunisia.....                    | 73      | .... | .... |
| Zambia.....                     | 50      | .... | 50   |
| East Asia.....                  | 306     | .... | .... |
| Burma.....                      | 26      | .... | .... |
| Cambodia.....                   | 17      | .... | .... |
| Indonesia.....                  | 263     | .... | .... |
| Latin America.....              | 590     | 174  | 98   |
| Argentina.....                  | 9       | .... | .... |
| Bolivia.....                    | 26      | 25   | .... |
| Brazil.....                     | 227     | .... | .... |
| Chile.....                      | 120     | 95   | 20   |
| Colombia.....                   | 5       | 5    | .... |
| Ecuador.....                    | 15      | 5    | .... |
| Peru.....                       | 153     | 44   | 78   |
| Uruguay.....                    | 25      | .... | .... |
| Venezuela.....                  | 10      | .... | .... |
| Middle East and South Asia..... | 2,414   | 195  | 338  |
| Afghanistan.....                | 12      | .... | .... |
| Bangladesh.....                 | 25      | .... | 25   |
| Egypt.....                      | 671     | 142  | .... |
| India.....                      | 382     | .... | .... |
| Iran.....                       | 435     | .... | 10   |
| Iraq.....                       | 419     | 37   | 200  |
| Pakistan <sup>1</sup> .....     | 74      | .... | .... |
| Sri Lanka.....                  | 62      | .... | 10   |
| Syria.....                      | 287     | .... | 93   |
| Turkey.....                     | 14      | .... | .... |
| Yemen (Aden).....               | 16      | 16   | .... |
| Yemen (San'a).....              | 17      | .... | .... |

<sup>1</sup> Including Bangladesh prior to 1972.

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Table 66

East European Military Aid Extended to and Drawn by the Less Developed Countries,  
by Recipient

Million US \$

|                                 | Extended |      |       | Drawn   |      |      |
|---------------------------------|----------|------|-------|---------|------|------|
|                                 | 1955-72  | 1971 | 1972  | 1955-72 | 1971 | 1972 |
| Total.....                      | 1,002    | 85   | 112   | 839     | 75   | 44   |
| Africa.....                     | 37       | .... | ....  | 32      | 1    | .... |
| Algeria.....                    | 1        | .... | ....  | 1       | .... | .... |
| Congo.....                      | Negl.    | .... | Negl. | ....    | .... | .... |
| Guinea.....                     | 1        | .... | ....  | 1       | .... | .... |
| Morocco.....                    | 20       | .... | ....  | 20      | .... | .... |
| Sudan.....                      | 9        | .... | ....  | 4       | 1    | .... |
| Tanzania.....                   | 1        | .... | ....  | 1       | .... | .... |
| Uganda.....                     | 5        | .... | ....  | 5       | .... | .... |
| East Asia.....                  | 199      | .... | ....  | 189     | .... | .... |
| Indonesia.....                  | 199      | .... | ....  | 189     | .... | .... |
| Middle East and South Asia..... | 766      | 85   | 112   | 618     | 74   | 44   |
| Afghanistan.....                | 20       | .... | ....  | 20      | .... | .... |
| Cyprus.....                     | 1        | .... | ....  | 1       | .... | .... |
| Egypt.....                      | 331      | 15   | 20    | 331     | 11   | 33   |
| India.....                      | 107      | 53   | 1     | 106     | 49   | 4    |
| Iraq.....                       | 172      | 15   | 80    | 56      | 5    | 3    |
| Syria.....                      | 101      | .... | 9     | 71      | 9    | .... |
| Yemen (Aden).....               | 4        | 2    | 2     | 4       | .... | 4    |
| Yemen (San'a).....              | 30       | .... | ....  | 29      | .... | .... |

Table 67

Communist Major Military Equipment Delivered to Less Developed Countries, by Recipient, 1972

|                            | Land Armaments |                 |                                    |                     | Naval<br>Auxiliary<br>Vessels<br>and<br>Landing<br>Craft | Aircraft        |                    | Air-to-Air<br>Guided<br>Missile<br>Systems <sup>3</sup> | Surface-to-<br>Air Guided<br>Missile<br>Systems <sup>4</sup> |
|----------------------------|----------------|-----------------|------------------------------------|---------------------|--|-----------------|--------------------|---|--|
|                            | Light<br>Tanks | Medium<br>Tanks | Personnel<br>Carriers <sup>1</sup> | Artillery<br>Pieces |  | Jet<br>Fighters | Other <sup>2</sup> |   |  |
| Africa                     |                |                 |                                    |                     |  |                 |                    |   |  |
| Algeria.....               | ....           | 40              | ....                               | ....                | ....   | ....            | ....               | ....  | ....   |
| Equatorial Guinea.....     | ....           | ....            | 5                                  | ....                | ....   | ....            | ....               | ....  | ....   |
| Guinea.....                | ....           | 10              | 5                                  | 5                   | 2  | 5               | 2                  | ....  | ....   |
| Libya.....                 | ....           | 40              | 40                                 | ....                | ....   | ....            | ....               | ....  | ....   |
| Mali.....                  | 10             | ....            | ....                               | ....                | ....   | ....            | ....               | ....  | ....   |
| Nigeria.....               | ....           | ....            | ....                               | ....                | ....   | ....            | 5                  | ....  | ....   |
| Somalia.....               | ....           | ....            | 15                                 | 40                  | 5  | 2               | 5                  | ....  | ....   |
| Sudan.....                 | 10             | ....            | ....                               | ....                | ....   | 5               | ....               | ....  | ....   |
| Tanzania.....              | ....           | ....            | ....                               | ....                | 5  | ....            | ....               | ....  | ....   |
| Zambia.....                | ....           | ....            | 25                                 | ....                | ....   | ....            | ....               | ....  | ....   |
| Middle East and South Asia |                |                 |                                    |                     |  |                 |                    |   |  |
| Afghanistan.....           | ....           | 35              | 5                                  | ....                | ....   | ....            | 5                  | ....  | ....   |
| Egypt.....                 | ....           | 300             | 230                                | ....                | 2  | 145             | 5                  | ....  | 5  |
| India.....                 | ....           | 15              | 40                                 | 5                   | 2  | 25              | 30                 | 25  | ....   |
| Iran.....                  | ....           | ....            | 180                                | 95                  | ....   | ....            | ....               | ....  | ....   |
| Iraq.....                  | ....           | 115             | 50                                 | 5                   | 3  | 10              | 15                 | ....  | 4  |
| Lebanon.....               | ....           | ....            | ....                               | 25                  | ....   | ....            | ....               | ....  | ....   |
| Pakistan.....              | ....           | 170             | ....                               | 340                 | 6  | 30              | ....               | ....  | ....   |
| Sri Lanka.....             | ....           | ....            | ....                               | 10                  | 5  | ....            | ....               | ....  | ....   |
| Syria.....                 | ....           | 100             | 30                                 | 5                   | 2  | 35              | 15                 | 35  | 4  |
| Yemen (Aden).....          | ....           | ....            | 55                                 | 55                  | 4  | ....            | 10                 | ....  | ....   |

<sup>1</sup> Armored and amphibious.

<sup>2</sup> Including nonjet combat aircraft, trainers, transports, and helicopters.

<sup>3</sup> Number of fighter aircraft equipped with AAMs (two to four per aircraft).

<sup>4</sup> Number of SAM firing battalions, or sites (six launchers per SA-2 site, four launchers per SA-3 site).

Table 68

Communist Major Deliveries of Land Armaments and Naval Ships to Less Developed Countries, by Recipient  
January 1967-December 1972

|                             | Land Armaments  |                |                                       |                                    |                     | Naval Ships                                 |                 |
|-----------------------------|-----------------|----------------|---------------------------------------|------------------------------------|---------------------|---|-----------------|
|                             | Medium<br>Tanks | Light<br>Tanks | Self-<br>Propelled<br>Assault<br>Guns | Personnel<br>Carriers <sup>1</sup> | Artillery<br>Pieces | Motor<br>Torpedo<br>and<br>Missile<br>Boats | Other           |
| Africa                      |                 |                |                                       |                                    |                     |   |                 |
| Algeria.....                | 20              | ....           | 6                                     | 135                                | 5                   | 9   | 6 <sup>2</sup>  |
| Congo.....                  | ....            | 15             | ....                                  | 10                                 | 30                  | ....  | 4 <sup>3</sup>  |
| Equatorial Guinea.....      | ....            | ....           | ....                                  | 5                                  | ....                | ....  | ....            |
| Guinea.....                 | 20              | 15             | ....                                  | 10                                 | 25                  | 2   | 3 <sup>3</sup>  |
| Libya.....                  | 360             | ....           | 25                                    | 350                                | 190                 | ....  | ....            |
| Mali.....                   | ....            | 10             | ....                                  | ....                               | ....                | ....  | ....            |
| Morocco.....                | 80              | ....           | 5                                     | 80                                 | ....                | ....  | ....            |
| Nigeria.....                | ....            | ....           | ....                                  | 30                                 | 90                  | ....  | 3 <sup>3</sup>  |
| Somalia.....                | 70              | ....           | ....                                  | 45                                 | 125                 | ....  | 7 <sup>3</sup>  |
| Sudan.....                  | 100             | 10             | ....                                  | 210                                | 100                 | ....  | ....            |
| Tanzania.....               | 25              | 15             | ....                                  | 20                                 | 125                 | ....  | 20 <sup>3</sup> |
| Uganda.....                 | ....            | ....           | ....                                  | 35                                 | 25                  | ....  | ....            |
| Zambia.....                 | ....            | ....           | ....                                  | 25                                 | ....                | ....  | ....            |
| East Asia                   |                 |                |                                       |                                    |                     |   |                 |
| Cambodia.....               | ....            | ....           | ....                                  | 15                                 | 35                  | ....  | ....            |
| Near East and South Asia    |                 |                |                                       |                                    |                     |   |                 |
| Afghanistan.....            | 135             | ....           | ....                                  | 165                                | 95                  | ....  | ....            |
| Egypt.....                  | 1,025           | 10             | 5                                     | 870                                | 705                 | 9   | 24 <sup>4</sup> |
| India.....                  | 395             | ....           | ....                                  | 395                                | 45                  | 8   | 18 <sup>5</sup> |
| Iran.....                   | ....            | ....           | ....                                  | 800                                | 585                 | ....  | ....            |
| Iraq.....                   | 370             | ....           | 30                                    | 585                                | 280                 | 3   | 2 <sup>6</sup>  |
| Pakistan <sup>7</sup> ..... | 535             | ....           | ....                                  | ....                               | 530                 | ....  | 6 <sup>8</sup>  |
| Sri Lanka.....              | ....            | ....           | ....                                  | 20                                 | ....                | ....  | 5 <sup>9</sup>  |
| Syria.....                  | 630             | 25             | 60                                    | 175                                | 530                 | 2   | ....            |
| Yemen (Aden).....           | 65              | ....           | ....                                  | 115                                | 145                 | ....  | 6 <sup>10</sup> |

<sup>1</sup> Armored and amphibious.

<sup>2</sup> Including two minesweepers, three submarine chasers, and one auxiliary vessel.

<sup>3</sup> Auxiliary vessels and landing craft.

<sup>4</sup> Including two destroyers and three submarines received in exchange for older models returned to the USSR, seven minesweepers, and 12 auxiliary vessels and landing craft.

<sup>5</sup> Including four submarines, seven submarine chasers, and seven auxiliary vessels and landing craft.

<sup>6</sup> Minesweepers.

<sup>7</sup> Including Bangladesh prior to 1972.

<sup>8</sup> Patrol boats.

<sup>9</sup> Motor gun boats.

<sup>10</sup> Including four naval landing craft and two submarine chasers.

Table 69

Communist Major Deliveries of Aircraft and Guided Missile Systems to Less Developed Countries, by Recipient  
January 1967-December 1972

|                             | Aircraft          |              |                  |                    | Guided Missile Systems <sup>1</sup> |                             |                                 |
|-----------------------------|-------------------|--------------|------------------|--------------------|-------------------------------------|-----------------------------|---------------------------------|
|                             | Light Jet Bombers | Jet Fighters | Heavy Transports | Other <sup>2</sup> | Air-to-Air <sup>3</sup>             | Surface-to-Air <sup>4</sup> | Surface-to-Surface <sup>5</sup> |
| Africa                      |                   |              |                  |                    |                                     |                             |                                 |
| Algeria.....                | 5                 | 50           | ....             | 15                 | 16                                  | 6                           | 3                               |
| Congo.....                  | ....              | ....         | 2                | 3                  | ....                                | ....                        | ....                            |
| Guinea.....                 | ....              | 5            | ....             | 5                  | ....                                | ....                        | ....                            |
| Nigeria.....                | ....              | 35           | ....             | 20                 | ....                                | ....                        | ....                            |
| Somalia.....                | 5                 | 15           | ....             | ....               | ....                                | ....                        | ....                            |
| Sudan.....                  | ....              | 30           | ....             | 15                 | 30                                  | 1                           | ....                            |
| Uganda.....                 | ....              | 5            | ....             | 15                 | ....                                | ....                        | ....                            |
| East Asia                   |                   |              |                  |                    |                                     |                             |                                 |
| Cambodia.....               | ....              | ....         | ....             | 1                  | ....                                | ....                        | ....                            |
| Middle East and South Asia  |                   |              |                  |                    |                                     |                             |                                 |
| Afghanistan.....            | ....              | 40           | 1                | 5                  | 18                                  | 1                           | ....                            |
| Egypt.....                  | 60 <sup>7</sup>   | 565          | 5                | 240                | 271                                 | 105                         | 3                               |
| India.....                  | 170 <sup>8</sup>  | ....         | ....             | 80                 | 23                                  | ....                        | ....                            |
| Iraq.....                   | ....              | 150          | 5                | 90                 | ....                                | 4                           | ....                            |
| Pakistan <sup>9</sup> ..... | ....              | 60           | ....             | 10                 | ....                                | ....                        | ....                            |
| Sri Lanka.....              | ....              | 5            | ....             | 5                  | ....                                | ....                        | ....                            |
| Syria.....                  | ....              | 265          | 5                | 75                 | 129                                 | 14                          | ....                            |
| Yemen (Aden).....           | 2                 | 20           | ....             | 10                 | ....                                | ....                        | ....                            |
| Yemen (San'a).....          | 5                 | 30           | ....             | ....               | ....                                | ....                        | ....                            |

<sup>1</sup> Data reflect numbers of aircraft, ships, and sites having missile capability.

<sup>2</sup> Including nonjet combat aircraft, trainers, transports, and helicopters.

<sup>3</sup> Number of fighter aircraft equipped with AAMs (two to four per aircraft).

<sup>4</sup> Number of SAM firing battalions, or sites (four to six launchers per site).

<sup>5</sup> Ship launched. These data constitute the number of Komar- and Osa-class ships equipped with SSMs (two to four per ship).

<sup>6</sup> An undetermined number of SAMs have been received.

<sup>7</sup> Including 24 medium jet bombers.

<sup>8</sup> Excluding those fighters assembled at the aeronautics plant in Nasik.

<sup>9</sup> Including Bangladesh prior to 1972.

Table 70

Academic, Technical, and Military Trainees Departing from Less Developed Countries for Training in Communist Countries, by Area of Destination <sup>1</sup>

|                              | 1966  | 1967  | 1968  | 1969  | 1970  | 1971  | 1972  |
|------------------------------|-------|-------|-------|-------|-------|-------|-------|
| Total trainees.....          | 6,110 | 5,450 | 6,505 | 7,095 | 7,845 | 8,140 | 9,845 |
| USSR and Eastern Europe..... | 5,920 | 5,335 | 6,500 | 7,080 | 7,535 | 7,670 | 8,795 |
| China.....                   | 190   | 115   | 5     | 15    | 310   | 470   | 1,050 |
| Academic trainees.....       | 3,355 | 3,000 | 3,535 | 3,995 | 3,645 | 4,100 | 4,270 |
| USSR and Eastern Europe..... | 3,355 | 3,000 | 3,535 | 3,995 | 3,645 | 4,100 | 4,070 |
| China.....                   | ....  | ....  | ....  | ....  | ....  | ....  | 200   |
| Technical trainees.....      | 1,205 | 1,245 | 1,455 | 1,880 | 1,650 | 2,835 | 2,360 |
| USSR and Eastern Europe..... | 1,125 | 1,220 | 1,450 | 1,880 | 1,650 | 2,835 | 2,360 |
| China.....                   | 80    | 25    | 5     | ....  | ....  | ....  | ....  |
| Military trainees.....       | 1,550 | 1,205 | 1,515 | 1,220 | 2,550 | 1,205 | 3,215 |
| USSR and Eastern Europe..... | 1,440 | 1,115 | 1,515 | 1,205 | 2,240 | 735   | 2,365 |
| China.....                   | 110   | 90    | ....  | 15    | 310   | 470   | 850   |

<sup>1</sup> Rounded to the nearest five persons. Data are for persons departing for training and not necessarily those completing training.

Table 71

Military Personnel from Less Developed Countries Trained in Communist Countries <sup>1</sup>

|                    | Departures to Communist Countries |      |                |       |       |       |                |       | Being Trained, December 1972 |       |                |       |
|--------------------|-----------------------------------|------|----------------|-------|-------|-------|----------------|-------|------------------------------|-------|----------------|-------|
|                    | 1971                              |      |                |       | 1972  |       |                |       |                              |       |                |       |
|                    | Total                             | USSR | Eastern Europe | China | Total | USSR  | Eastern Europe | China | Total                        | USSR  | Eastern Europe | China |
| Total.....         | 1,205                             | 660  | 75             | 470   | 3,215 | 2,320 | 45             | 850   | 3,850                        | 2,610 | 135            | 1,105 |
| Africa.....        | 635                               | 95   | 70             | 470   | 1,470 | 660   | 20             | 790   | 2,070                        | 935   | 90             | 1,045 |
| Algeria.....       | ....                              | .... | ....           | ....  | ....  | ....  | ....           | ....  | 170                          | 170   | ....           | ....  |
| Congo.....         | 90                                | 15   | ....           | 75    | 20    | ....  | 20             | ....  | 225                          | 110   | 20             | 95    |
| Guinea.....        | ....                              | .... | ....           | ....  | 545   | 185   | ....           | 360   | 545                          | 185   | ....           | 360   |
| Nigeria.....       | 20                                | 20   | ....           | ....  | ....  | ....  | ....           | ....  | ....                         | ....  | ....           | ....  |
| Sierra Leone.....  | ....                              | .... | ....           | ....  | 120   | ....  | ....           | 120   | 60                           | ....  | ....           | 60    |
| Somalia.....       | 130                               | 60   | 70             | ....  | 500   | 450   | ....           | 50    | 570                          | 450   | 70             | 50    |
| Sudan.....         | ....                              | .... | ....           | ....  | 10    | ....  | ....           | 10    | 30                           | 20    | ....           | 10    |
| Tanzania.....      | 395                               | .... | ....           | 395   | 240   | ....  | ....           | 240   | 460                          | ....  | ....           | 460   |
| Zambia.....        | ....                              | .... | ....           | ....  | 35    | 25    | ....           | 10    | 10                           | ....  | ....           | 10    |
| Middle East and    |                                   |      |                |       |       |       |                |       |                              |       |                |       |
| South Asia.....    | 570                               | 565  | 5              | ....  | 1,745 | 1,660 | 25             | 60    | 1,780                        | 1,675 | 45             | 60    |
| Afghanistan.....   | 150                               | 150  | ....           | ....  | 205   | 200   | 5              | ....  | 405                          | 400   | 5              | ....  |
| Bangladesh.....    | ....                              | .... | ....           | ....  | 250   | 250   | ....           | ....  | 250                          | 250   | ....           | ....  |
| Egypt.....         | 300                               | 300  | ....           | ....  | 220   | 220   | ....           | ....  | 50                           | 50    | ....           | ....  |
| India.....         | ....                              | .... | ....           | ....  | 175   | 170   | 5              | ....  | 50                           | 45    | 5              | ....  |
| Iran.....          | ....                              | .... | ....           | ....  | 25    | 25    | ....           | ....  | 10                           | 10    | ....           | ....  |
| Iraq.....          | 45                                | 40   | 5              | ....  | 155   | 145   | 10             | ....  | 235                          | 225   | 10             | ....  |
| Pakistan.....      | ....                              | .... | ....           | ....  | 60    | ....  | ....           | 60    | 60                           | ....  | ....           | 60    |
| Syria.....         | 50                                | 50   | ....           | ....  | 535   | 530   | 5              | ....  | 555                          | 530   | 25             | ....  |
| Yemen (Aden).....  | 25                                | 25   | ....           | ....  | 120   | 120   | ....           | ....  | 145                          | 145   | ....           | ....  |
| Yemen (San'a)..... | ....                              | .... | ....           | ....  | ....  | ....  | ....           | ....  | 250                          | 250   | ....           | ....  |

<sup>1</sup> Rounded to the nearest five persons. Data refer to the number of persons departing for or in training but not necessarily completing training.

Table 72

Communist Economic and Military Technicians<sup>1</sup> in Less Developed Countries, by Country, 1972

|                                  | Economic |        |                |                  | Military |                         |       |
|----------------------------------|----------|--------|----------------|------------------|----------|-------------------------|-------|
|                                  | Total    | USSR   | Eastern Europe | China            | Total    | USSR and Eastern Europe | China |
| Total .....                      | 39,960   | 11,440 | 6,165          | 22,355           | 10,550   | 9,660                   | 890   |
| Africa .....                     | 28,460   | 3,965  | 4,030          | 20,465           | 2,590    | 1,755                   | 835   |
| Algeria .....                    | 3,080    | 1,480  | 1,100          | 500              | 1,000    | 1,000                   | ...   |
| Congo .....                      | 620      | 260    | 30             | 330              | 60       | 30                      | 30    |
| Ethiopia .....                   | 195      | 75     | 90             | 30               | ...      | ...                     | ...   |
| Ghana .....                      | 130      | 45     | 80             | 5                | ...      | ...                     | ...   |
| Guinea .....                     | 1,460    | 640    | 220            | 600 <sup>2</sup> | 110      | 110                     | ...   |
| Kenya .....                      | 130      | 15     | 115            | ...              | ...      | ...                     | ...   |
| Libya .....                      | 1,160    | 10     | 1,150          | ...              | 20       | 20                      | ...   |
| Mali .....                       | 455      | 120    | 40             | 295              | 20       | 10                      | 10    |
| Mauritania .....                 | 215      | 15     | ...            | 200              | ...      | ...                     | ...   |
| Morocco .....                    | 545      | 330    | 215            | ...              | ...      | ...                     | ...   |
| Nigeria .....                    | 310      | 160    | 150            | ...              | 70       | 70                      | ...   |
| Somalia .....                    | 1,215    | 200    | 15             | 1,000            | 400      | 400                     | ...   |
| Sudan .....                      | 395      | 70     | 70             | 255              | 180      | 100                     | 80    |
| Tanzania .....                   | 15,640   | 165    | 75             | 15,400           | 705      | ...                     | 705   |
| Tunisia .....                    | 665      | 45     | 620            | ...              | ...      | ...                     | ...   |
| Zambia .....                     | 1,825    | 80     | 10             | 1,735            | ...      | ...                     | ...   |
| Other .....                      | 420      | 255    | 50             | 115              | 25       | 15                      | 10    |
| East Asia .....                  | 75       | 25     | 20             | 30               | ...      | ...                     | ...   |
| Burma .....                      | 55       | 25     | ...            | 30               | ...      | ...                     | ...   |
| Indonesia .....                  | 15       | ...    | 15             | ...              | ...      | ...                     | ...   |
| Thailand .....                   | 5        | ...    | 5              | ...              | ...      | ...                     | ...   |
| Latin America .....              | 385      | 225    | 130            | 30               | ...      | ...                     | ...   |
| Brazil .....                     | 55       | 5      | 50             | ...              | ...      | ...                     | ...   |
| Chile .....                      | 190      | 140    | 50             | ...              | ...      | ...                     | ...   |
| Other .....                      | 140      | 80     | 30             | 30               | ...      | ...                     | ...   |
| Middle East and South Asia ..... | 11,040   | 7,225  | 1,985          | 1,830            | 7,960    | 7,905                   | 55    |
| Afghanistan .....                | 1,265    | 1,025  | 100            | 140              | 200      | 200                     | ...   |
| Bangladesh .....                 | 60       | 60     | ...            | ...              | ...      | ...                     | ...   |
| Egypt .....                      | 1,065    | 550    | 510            | 5                | 5,500    | 5,500 <sup>3</sup>      | ...   |
| India .....                      | 1,210    | 850    | 360            | ...              | 220      | 220                     | ...   |
| Iran .....                       | 2,250    | 2,000  | 250            | ...              | 30       | 30                      | ...   |
| Iraq .....                       | 880      | 685    | 195            | ...              | 500      | 500                     | ...   |
| Kuwait .....                     | 35       | 15     | 20             | ...              | ...      | ...                     | ...   |
| Lebanon .....                    | 25       | ...    | 25             | ...              | ...      | ...                     | ...   |
| Malta .....                      | 15       | ...    | ...            | 15               | ...      | ...                     | ...   |
| Nepal .....                      | 575      | 80     | ...            | 495              | ...      | ...                     | ...   |
| Pakistan .....                   | 160      | 105    | 25             | 30               | 25       | ...                     | 25    |
| Sri Lanka .....                  | 555      | 95     | 90             | 370              | 35       | 5                       | 30    |
| Syria .....                      | 1,560    | 1,300  | 200            | 60               | 1,140    | 1,140                   | ...   |
| Turkey .....                     | 190      | 180    | 10             | ...              | ...      | ...                     | ...   |
| Yemen (Aden) .....               | 765      | 200    | 80             | 485              | 210      | 210                     | ...   |
| Yemen (San'a) .....              | 430      | 80     | 110            | 230              | 100      | 100                     | ...   |

<sup>1</sup> Rounded to the nearest five persons. Data are minimum estimates of the number of persons present for a period of one month or more. Persons engaged solely in commercial activities are excluded.

<sup>2</sup> Including 20 North Koreans.

<sup>3</sup> By the end of 1972, about a hundred Soviet military advisers were still stationed in Egypt.



ALL DATA IN THIS TABLE ARE CONFIDENTIAL

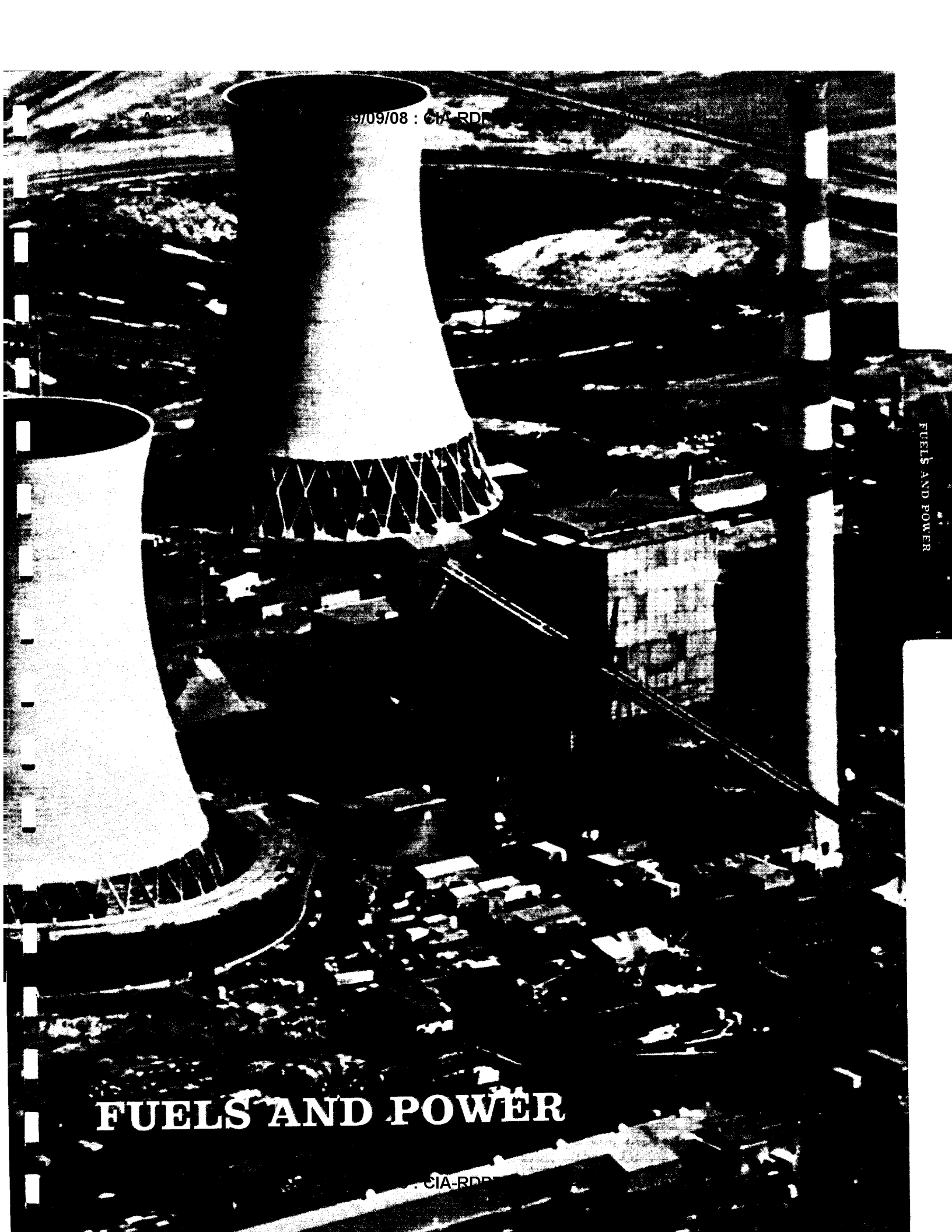
Table 73

## Soviet Economic Aid Extended to the Communist Countries, by Recipient

Million US \$

|                     | 1954-65 <sup>1</sup> | 1966 | 1967  | 1968  | 1969  | 1970  | 1971  | 1972  | 1966-72 | 1954-72 |
|---------------------|----------------------|------|-------|-------|-------|-------|-------|-------|---------|---------|
| Total.....          | 6,188                | 543  | 1,042 | 1,065 | 1,148 | 404   | 1,812 | 1,835 | 7,849   | 14,037  |
| Eastern Europe..... | 2,946                | .... | 10    | 500   | 591   | Negl. | 1,111 | ....  | 2,212   | 5,158   |
| Bulgaria.....       | 1,104                | .... | ....  | 333   | 591   | ....  | ....  | ....  | 924     | 2,028   |
| Czechoslovakia..... | 14                   | .... | ....  | ....  | ....  | ....  | ....  | ....  | ....    | 14      |
| East Germany.....   | 990                  | .... | ....  | ....  | ....  | ....  | ....  | ....  | ....    | 990     |
| Hungary.....        | 338                  | .... | 10    | 167   | ....  | ....  | ....  | ....  | 177     | 515     |
| Poland.....         | 378                  | .... | ....  | ....  | ....  | ....  | 1,111 | ....  | 1,111   | 1,489   |
| Romania.....        | 123                  | .... | ....  | ....  | ....  | Negl. | ....  | ....  | Negl.   | 123     |
| Far East.....       | 612                  | .... | ....  | 30    | 75    | 95    | 95    | 150   | 445     | 1,057   |
| China.....          | 495                  | .... | ....  | ....  | ....  | ....  | ....  | ....  | ....    | 495     |
| North Korea.....    | 118                  | .... | ....  | 30    | 75    | 95    | 95    | 150   | 445     | 562     |
| Other.....          | 2,630                | 543  | 1,032 | 535   | 482   | 309   | 606   | 1,685 | 5,192   | 7,821   |
| Albania.....        | 65                   | .... | ....  | ....  | ....  | ....  | ....  | ....  | ....    | 65      |
| Cuba.....           | 1,327                | 413  | 482   | 535   | 482   | 309   | 506   | 1,025 | 3,752   | 5,079   |
| Mongolia.....       | 1,059                | .... | 550   | ....  | ....  | ....  | 100   | 120   | 770     | 1,828   |
| Yugoslavia.....     | 178                  | 130  | ....  | ....  | ....  | ....  | ....  | 540   | 670     | 848     |

<sup>1</sup> Excluding data for Eastern Europe prior to 1956 because war reparations and other assets and privileged arrangements obtained by the USSR from these countries created a heavy net flow of capital toward the USSR during these years.



9/09/08 : CIA-RDP

FUELS AND POWER

# FUELS AND POWER

CIA-RDP

Table 74

Production of Primary Energy <sup>1</sup>  
Million Metric Tons of Coal Equivalents

|                              | 1960    | 1965    | 1970    | 1972    |
|------------------------------|---------|---------|---------|---------|
| OECD <sup>2</sup>            |         |         |         |         |
| United States.....           | 1,430.0 | 1,718.6 | 2,169.8 | 2,183.3 |
| Canada.....                  | 120.2   | 175.9   | 272.9   | 343.1   |
| Japan.....                   | 85.8    | 92.4    | 90.7    | 87.3    |
| Norway.....                  | 17.4    | 27.3    | 32.0    | 39.5    |
| European Community.....      | 555     | 565     | 557     | 583     |
| Belgium <sup>3</sup> .....   | 22.7    | 20.5    | 12.1    | 11.4    |
| France.....                  | 86.3    | 90.0    | 85.5    | 82.0    |
| Italy.....                   | 38.9    | 41.2    | 46.5    | 51.0    |
| Netherlands.....             | 15.4    | 16.9    | 49.1    | 82.8    |
| United Kingdom.....          | 199.9   | 202.1   | 176.9   | 173.7   |
| West Germany.....            | 188.8   | 190.5   | 184.4   | 181.4   |
| Other Countries              |         |         |         |         |
| Iran.....                    | 69.6    | 124.5   | 265.4   | 344.3   |
| Kuwait.....                  | 107.7   | 144.1   | 184.0   | 201.9   |
| Saudi Arabia.....            | 80.7    | 132.7   | 233.7   | 375.5   |
| Communist Countries          |         |         |         |         |
| USSR and Eastern Europe..... | 937*    | 1,270   | 1,600   | 1,720   |
| USSR.....                    | 662.7   | 942.5   | 1,218.1 | 1,323.0 |
| Eastern Europe.....          | 275*    | 329     | 382     | 400     |
| Bulgaria.....                | 7.7     | 9.4     | 10.2    | 9.2     |
| Czechoslovakia.....          | 50.9    | 61.9    | 66.6    | 68.3    |
| East Germany.....            | 73.6*   | 81.4    | 85.1    | 85.8    |
| Hungary.....                 | 14.8    | 18.3    | 20.6    | 19.4    |
| Poland.....                  | 93.5    | 110.9   | 137.4   | 149.0   |
| Romania.....                 | 34.2    | 46.8    | 62.2    | 68.2    |
| Far East                     |         |         |         |         |
| China.....                   | 207.7   | 205.7   | 290.5   | 340.6   |
| North Korea.....             | 14.1    | 21.6    | 28.1    | 30.1    |
| North Vietnam.....           | 2.4*    | 3.7*    | 2.7*    | 2.1*    |
| Other                        |         |         |         |         |
| Albania.....                 | 1.1     | 1.4*    | 2.4*    | 3.1*    |
| Yugoslavia.....              | 15.5    | 21.3    | 24.1    | 26.5    |

\*An asterisk indicates that the data are CONFIDENTIAL.

<sup>1</sup> Data are for coal, crude oil, natural gas, and hydroelectric power expressed in terms of coal equivalents (calorific value of 7,000 kilocalories per kilogram), and exclude minor fuels such as peat, shale, and fuelwood.

<sup>2</sup> The following coefficients were used to convert the sources of primary energy into hard coal equivalents: coal (metric tons), 1.0; brown coal and lignite (metric tons), 0.29; crude oil (metric tons), 1.3; crude natural gasoline (metric tons), 1.5; natural gas (1,000 cubic meters), 1.33; and hydroelectricity (1,000 kilowatt-hours), 0.55. Production of geothermal and nuclear electric power is included at the same ratio as hydroelectricity.

<sup>3</sup> Including data for Luxembourg.

Table 75

Production of Crude Oil <sup>1</sup>

|                              | Thousand Metric Tons |         |          |          |
|------------------------------|----------------------|---------|----------|----------|
|                              | 1960                 | 1965    | 1970     | 1972     |
| OECD <sup>2</sup> .....      | 389,000              | 445,000 | 562,000  | 580,000  |
| United States.....           | 347,975              | 384,946 | 475,344  | 467,456  |
| Canada.....                  | 25,630               | 39,457  | 62,256   | 77,100   |
| European Community.....      | 11,600               | 15,600  | 13,200   | 11,400   |
| Other Countries              |                      |         |          |          |
| Abu Dhabi.....               | N.A.                 | 13,701  | 33,720   | 49,100   |
| Algeria.....                 | 8,632                | 26,025  | 47,280   | 50,000   |
| Indonesia.....               | 20,596               | 23,920  | 42,084   | 50,400   |
| Iran.....                    | 52,392               | 94,126  | 191,736  | 245,000  |
| Iraq.....                    | 47,467               | 64,474  | 76,452   | 67,800   |
| Kuwait.....                  | 81,867               | 109,045 | 137,400  | 151,146  |
| Libya.....                   | N.A.                 | 58,378  | 161,712  | 106,267  |
| Nigeria.....                 | 850                  | 13,538  | 54,096   | 88,900   |
| Saudi Arabia.....            | 62,068               | 101,033 | 176,844  | 285,915  |
| Venezuela.....               | 149,372              | 182,409 | 193,872  | 169,003  |
| Communist Countries          |                      |         |          |          |
| USSR and Eastern Europe..... | 160,000              | 257,000 | 365,000* | 411,000* |
| USSR.....                    | 147,200              | 241,700 | 348,800  | 393,800  |
| Eastern Europe.....          | 13,200               | 15,200  | 16,400*  | 17,000*  |
| Bulgaria.....                | 200                  | 229     | 334      | 248      |
| Czechoslovakia.....          | 137                  | 192     | 203      | 200      |
| East Germany.....            | Negl.                | 60      | 100*     | 100*     |
| Hungary.....                 | 1,217                | 1,803   | 1,937    | 1,977    |
| Poland.....                  | 194                  | 339     | 424      | 347      |
| Romania.....                 | 11,500               | 12,571  | 13,377   | 14,128   |
| Far East                     |                      |         |          |          |
| China <sup>2 3</sup> .....   | 4,600                | 8,000   | 20,000   | 30,000   |
| Other                        |                      |         |          |          |
| Albania.....                 | 728                  | 820     | 1,480*   | 1,900*   |
| Cuba.....                    | 25                   | 57      | 160      | 95       |
| Yugoslavia.....              | 944                  | 2,063   | 2,854    | 3,200    |

\*An asterisk indicates that the data are CONFIDENTIAL.

<sup>1</sup> Unless otherwise indicated, data are for crude oil and exclude shale oil, natural gasoline, and synthetic crude oil.

<sup>2</sup> Including shale oil.

<sup>3</sup> Including small quantities of synthetic crude oil.

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Table 76

## Proved Reserves of Crude Oil, Year-End 1972

|                              | Billion Barrels | Percent |
|------------------------------|-----------------|---------|
| Total.....                   | 619             | 100     |
| Non-Communist Countries..... | 576             | 93      |
| North America.....           | 57              | 9       |
| United States.....           | 44              | 7       |
| Canada.....                  | 10              | 2       |
| Mexico.....                  | 3               | Negl.   |
| South America.....           | 30              | 5       |
| Venezuela.....               | 14              | 2       |
| Ecuador.....                 | 6               | 1       |
| Other.....                   | 10              | 2       |
| Middle East.....             | 361             | 58      |
| Saudi Arabia.....            | 146             | 24      |
| Kuwait.....                  | 73              | 12      |
| Iran.....                    | 65              | 11      |
| Iraq.....                    | 29              | 5       |
| Abu Dhabi.....               | 21              | 3       |
| Other.....                   | 27              | 4       |
| Africa.....                  | 101             | 16      |
| Algeria.....                 | 47              | 8       |
| Libya.....                   | 30              | 5       |
| Nigeria.....                 | 15              | 2       |
| Congo.....                   | 5               | 1       |
| Other.....                   | 4               | 1       |
| East Asia.....               | 15              | 2       |
| Indonesia.....               | 10              | 2       |
| Other.....                   | 5               | 1       |
| Western Europe.....          | 12              | 2       |
| United Kingdom.....          | 5               | 1       |
| Norway.....                  | 2               | Negl.   |
| Other.....                   | 5               | 1       |
| Communist Countries.....     | 43              | 7       |
| USSR.....                    | 36              | 6       |
| China.....                   | 6               | 1       |
| Eastern Europe.....          | 1               | Negl.   |

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Table 77

Production of Petroleum Products <sup>1</sup>

Million Metric Tons

|                                  | 1960              | 1965   | 1970   | 1972               |
|----------------------------------|-------------------|--------|--------|--------------------|
| OECD                             |                   |        |        |                    |
| United States.....               | 356.8             | 420.3  | 505.4  | 544.2              |
| Canada.....                      | 35.4              | 44.0   | 60.9   | 67.0 <sup>2</sup>  |
| Japan.....                       | 25.2              | 67.4   | 161.6  | 190.7 <sup>2</sup> |
| Spain.....                       | 6.1               | 13.4   | 32.3   | 35.7               |
| Sweden.....                      | 2.8               | 3.8    | 11.4   | 10.7               |
| European Community.....          | 152               | 293    | 495    | 531                |
| Belgium.....                     | 6.6               | 14.8   | 27.3   | 33.6               |
| France.....                      | 29.8 <sup>3</sup> | 56.8   | 95.0   | 107.0              |
| Italy.....                       | 29.0              | 65.2   | 108.8  | 114.6              |
| Netherlands.....                 | 18.5              | 29.1   | 58.6   | 64.2               |
| United Kingdom.....              | 40.9              | 60.9   | 94.7   | 98.4               |
| West Germany.....                | 26.2              | 60.9   | 98.4   | 101.3              |
| Communist Countries <sup>4</sup> |                   |        |        |                    |
| USSR and Eastern Europe.....     | 134*              | 207*   | 305*   | 348*               |
| USSR.....                        | 113.9*            | 173.6* | 252.2* | 285.0*             |
| Eastern Europe.....              | 19.9*             | 33.0*  | 53.2*  | 63.5*              |
| Bulgaria.....                    | 0.1*              | 2.2    | 5.8    | 7.8                |
| Czechoslovakia.....              | 2.6*              | 5.8*   | 9.2*   | 11.0*              |
| East Germany.....                | 3.1*              | 6.1    | 11.4   | 12.7*              |
| Hungary.....                     | 2.5               | 3.9    | 5.8    | 7.3                |
| Poland.....                      | 0.8               | 3.4    | 6.8    | 9.1                |
| Romania.....                     | 10.8              | 11.6   | 14.2   | 15.6               |
| Far East                         |                   |        |        |                    |
| China.....                       | 4.7*              | 7.2*   | 18.0*  | 25.0*              |
| Other                            |                   |        |        |                    |
| Albania.....                     | 0.3*              | 0.5*   | 0.9*   | 1.2*               |
| Cuba.....                        | 3.1               | 3.7    | 4.3    | 4.3                |
| Yugoslavia.....                  | 1.3               | 2.9    | 6.5    | 8.4                |

\*An asterisk indicates that the data are CONFIDENTIAL.

<sup>1</sup> Unless otherwise indicated, data are for the following products, where they are produced: gasoline, kerosine, distillate fuel oil, lubricating oil, residual and other petroleum products, natural gasoline, and liquefied petroleum gases. Data exclude some minor miscellaneous products such as white spirits and asphalt.

<sup>2</sup> Data are for 1971.

<sup>3</sup> Including data for Algeria.

<sup>4</sup> Data include products from indigenous and imported natural crude oil and from synthetic sources. Synthetic production is not included in production for the USSR.

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Table 78

Production of Natural Gas <sup>1</sup>

Million Cubic Meters

|                                   | 1960    | 1965    | 1970     | 1972     |
|-----------------------------------|---------|---------|----------|----------|
| OECD <sup>2</sup> .....           | 386,000 | 516,000 | 773,000  | 869,000  |
| United States <sup>3</sup> .....  | 359,673 | 454,198 | 620,724  | 648,195  |
| Australia.....                    | ....    | 4       | 720      | 3,189    |
| Canada.....                       | 14,521  | 40,925  | 71,792   | 91,011   |
| European Community.....           | 10,100  | 17,500  | 76,000   | 122,000  |
| France.....                       | 2,846   | 5,048   | 6,876    | 7,432    |
| Italy.....                        | 6,447   | 7,802   | 13,176   | 14,142   |
| Netherlands.....                  | 330     | 1,743   | 31,620   | 58,395   |
| United Kingdom.....               | 1       | 13      | 11,256   | 24,995   |
| West Germany.....                 | 448     | 2,798   | 13,008   | 17,200   |
| Other Countries                   |         |         |          |          |
| Argentina.....                    | 1,383   | 4,222   | 6,012    | 6,180    |
| Iran.....                         | 950     | 1,230   | 11,220   | 18,200   |
| Kuwait.....                       | 941     | 1,794   | 4,044    | N.A.     |
| Mexico <sup>4</sup> .....         | 9,665   | 13,965  | 18,840   | 18,200   |
| Venezuela.....                    | 4,606   | 6,538   | 8,976    | 9,200    |
| Communist Countries <sup>5</sup>  |         |         |          |          |
| USSR and Eastern Europe.....      | 57,800  | 149,000 | 234,000* | 264,000* |
| USSR.....                         | 45,303  | 127,666 | 197,945  | 221,000  |
| Eastern Europe.....               | 12,500  | 20,900  | 36,300*  | 43,400*  |
| Bulgaria.....                     | ....    | 73      | 474      | 220      |
| Czechoslovakia <sup>6</sup> ..... | 1,294   | 752     | 900*     | 800*     |
| East Germany.....                 | 26      | 133     | 1,233    | 5,000    |
| Hungary.....                      | 342     | 1,108   | 3,469    | 4,086    |
| Poland.....                       | 549     | 1,378   | 5,182    | 5,823    |
| Romania.....                      | 10,330  | 17,452  | 25,031   | 27,491   |
| Other                             |         |         |          |          |
| Yugoslavia.....                   | 53      | 330     | 977      | 1,242    |

\*An asterisk indicates that the data are CONFIDENTIAL.

<sup>1</sup> Data include only gas from natural gas wells and associated gas from petroleum fields.

<sup>2</sup> Data are for net production—that is, for gas actually collected and utilized as fuel or raw material. They thus exclude gas used for repressuring, as well as gas flared, vented, or otherwise wasted, whether or not it has first been processed for the extraction of natural gasoline.

<sup>3</sup> Data for the United States are in terms of net marketed production. Data for the USSR are believed to refer to gross production less losses and waste. US gross production (less losses and waste), which would include gas returned to reservoirs in order to maintain horizon pressure would be as follows (in billion cubic meters):

1960 1965 1970

411 500 674

A much smaller share of total production in the USSR is believed to be used for repressuring.

<sup>4</sup> Including gas used for repressuring and gas wasted.

<sup>5</sup> Gross production.

<sup>6</sup> Production from gasfields only.

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Table 79

Production of Hard Coal <sup>1</sup>

Million Metric Tons

|                                   | 1960  | 1965  | 1970  | 1972  |
|-----------------------------------|-------|-------|-------|-------|
| OECD.....                         | 923   | 991   | 973   | 917   |
| United States.....                | 391.5 | 475.3 | 550.4 | 529.3 |
| Australia.....                    | 21.9  | 30.1  | 45.6  | 55.1  |
| Canada.....                       | 8.0   | 8.6   | 11.6  | 19.5  |
| Japan.....                        | 51.1  | 49.5  | 39.7  | 28.0  |
| Spain.....                        | 13.8  | 12.9  | 10.8  | 11.0  |
| European Community.....           | 432   | 409   | 310   | 268   |
| Belgium.....                      | 22.5  | 19.8  | 11.4  | 10.5  |
| France.....                       | 56.0  | 51.4  | 37.4  | 30.5  |
| Netherlands <sup>2</sup> .....    | 12.5  | 11.4  | 4.3   | 2.8   |
| United Kingdom <sup>3</sup> ..... | 196.7 | 190.5 | 144.6 | 121.8 |
| West Germany <sup>2</sup> .....   | 143.3 | 135.5 | 111.4 | 102.5 |
| Other Countries                   |       |       |       |       |
| India.....                        | 52.6  | 67.2  | 73.7  | 74.7  |
| South Africa.....                 | 38.2  | 48.5  | 54.6  | 58.4  |
| South Korea.....                  | 5.4   | 10.2  | 12.4  | 12.3  |
| Communist Countries               |       |       |       |       |
| USSR and Eastern Europe.....      | 496   | 556   | 613   | 641   |
| USSR.....                         | 355.9 | 397.6 | 432.7 | 451.0 |
| Eastern Europe.....               | 140   | 158   | 180   | 190   |
| Bulgaria.....                     | 0.6   | 0.6   | 0.4   | 0.4   |
| Czechoslovakia.....               | 26.2  | 27.6  | 28.1  | 27.9  |
| East Germany.....                 | 2.7   | 2.2   | 1.0   | 0.8   |
| Hungary.....                      | 2.8   | 4.4   | 4.2   | 3.7   |
| Poland.....                       | 104.4 | 118.8 | 140.1 | 150.7 |
| Romania.....                      | 3.4   | 4.7   | 6.4   | 6.6   |
| Far East                          |       |       |       |       |
| China <sup>4</sup> .....          | 280.0 | 220.0 | 300.0 | 340.0 |
| North Korea.....                  | 6.8   | 12.8  | 21.8  | 23.9  |
| North Vietnam.....                | 2.6   | 4.0*  | 2.9*  | 2.0   |
| Other                             |       |       |       |       |
| Yugoslavia.....                   | 1.3   | 1.2   | 0.6   | 0.6   |

\*An asterisk indicates that the data are CONFIDENTIAL.

<sup>1</sup> Unless otherwise indicated, data are for net production of anthracite and bituminous coal.

<sup>2</sup> Including low-quality coal at its hard-coal equivalent.

<sup>3</sup> Excluding data for Northern Ireland.

<sup>4</sup> Including a negligible amount of brown coal.



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Table 80

## Production of Brown Coal and Lignite

|                                | Million Metric Tons |       |       |       |
|--------------------------------|---------------------|-------|-------|-------|
|                                | 1960                | 1965  | 1970  | 1972  |
| OECD.....                      | 135                 | 150   | 166   | 171   |
| United States.....             | 2.5                 | 2.8   | 5.4   | 5.9   |
| Australia.....                 | 15.2                | 21.0  | 24.3  | 24.0  |
| Austria.....                   | 6.0                 | 5.4   | 3.7   | 3.8   |
| Canada.....                    | 2.0                 | 1.9   | 3.5   | 3.0   |
| Greece.....                    | 2.5                 | 5.1   | 7.7   | 11.3  |
| Spain.....                     | 1.8                 | 2.8   | 2.8   | 3.1   |
| Turkey.....                    | 1.9                 | 3.1   | 4.5   | 5.5   |
| European Community.....        | 102                 | 108   | 112   | 114   |
| Denmark.....                   | 2.7                 | 2.1   | 0.1   | 0.1   |
| France.....                    | 2.3                 | 2.7   | 2.8   | 3.0   |
| West Germany.....              | 96.2                | 101.9 | 107.8 | 110.4 |
| Other Countries                |                     |       |       |       |
| India.....                     | Negl.               | 2.3   | 3.5   | 3.1   |
| New Zealand.....               | 2.2                 | 2.0   | 1.9   | 1.7   |
| Communist Countries            |                     |       |       |       |
| USSR and Eastern Europe.....   | 469                 | 550   | 586   | 590   |
| USSR <sup>1</sup> .....        | 134.2               | 147.4 | 144.7 | 153.0 |
| Eastern Europe.....            | 335                 | 403   | 441   | 437   |
| Bulgaria.....                  | 15.4                | 24.5  | 28.9  | 26.9  |
| Czechoslovakia.....            | 57.9                | 72.3  | 81.3  | 85.0  |
| East Germany.....              | 225.5               | 250.8 | 260.6 | 248.4 |
| Hungary.....                   | 23.7                | 27.1  | 23.7  | 22.2  |
| Poland.....                    | 9.3                 | 22.6  | 32.8  | 38.2  |
| Romania.....                   | 3.4                 | 5.6   | 14.1  | 16.6  |
| Far East <sup>2</sup>          |                     |       |       |       |
| North Korea <sup>3</sup> ..... | 3.5                 | 5.0   | 5.7   | 6.1   |
| Other                          |                     |       |       |       |
| Albania.....                   | 0.3                 | 0.3   | 0.6   | 0.8   |
| Yugoslavia.....                | 21.4                | 28.8  | 27.8  | 30.3  |

<sup>1</sup> Net output.<sup>2</sup> Negligible production for China.<sup>3</sup> Including unknown amounts of hard coal.

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Table 81

Production of Electric Power <sup>1</sup>

Billion Kilowatt-Hours

|                              | 1960   | 1965     | 1970     | 1972     |
|------------------------------|--------|----------|----------|----------|
| OECD <sup>2</sup> .....      | 1,710  | 2,420    | 3,490    | 3,970    |
| United States.....           | 893.72 | 1,229.64 | 1,742.73 | 1,968.09 |
| Of which: hydro.....         | 149.12 | 196.99   | 250.70   | 276.12   |
| Australia.....               | 24.49  | 35.64    | 53.83    | 60.05    |
| Canada.....                  | 115.10 | 146.31   | 208.26   | 244.31   |
| Japan.....                   | 111.49 | 188.38   | 350.59   | 416.00   |
| Norway.....                  | 31.14  | 49.06    | 57.63    | 67.55    |
| Spain.....                   | 18.61  | 31.72    | 56.49    | 68.14    |
| Sweden.....                  | 34.72  | 49.11    | 60.64    | 70.67    |
| European Community.....      | 426    | 614      | 850      | 958      |
| Belgium.....                 | 15.15  | 21.71    | 30.52    | 36.91    |
| France.....                  | 75.01  | 105.52   | 146.65   | 167.49   |
| Italy.....                   | 56.24  | 82.97    | 117.42   | 137.00   |
| Netherlands.....             | 16.52  | 25.01    | 40.86    | 49.55    |
| United Kingdom.....          | 136.97 | 195.99   | 248.61   | 268.67   |
| West Germany.....            | 116.42 | 168.76   | 237.21   | 268.60   |
| Communist Countries          |        |          |          |          |
| USSR and Eastern Europe..... | 406    | 677      | 987      | 1,140    |
| USSR.....                    | 292.27 | 506.67   | 740.93   | 858.00   |
| Of which: hydro.....         | 50.91  | 81.43    | 124.38   | 123.00   |
| Eastern Europe.....          | 114    | 170      | 246      | 283      |
| Bulgaria.....                | 4.66   | 10.24    | 19.51    | 22.22    |
| Czechoslovakia.....          | 24.45  | 34.19    | 45.16    | 51.38    |
| East Germany.....            | 40.30  | 53.61    | 67.65    | 72.80    |
| Hungary.....                 | 7.62   | 11.18    | 14.54    | 16.32    |
| Poland.....                  | 29.26  | 43.77    | 64.52    | 76.40    |
| Romania.....                 | 7.65   | 17.22    | 35.09    | 43.39    |
| Far East                     |        |          |          |          |
| China.....                   | 47     | 42       | 72       | 95       |
| North Korea.....             | 9.14   | 13.4     | 16.5     | 18.0*    |
| North Vietnam.....           | 0.26   | 0.57*    | 0.51*    | 0.35     |
| Other                        |        |          |          |          |
| Albania.....                 | 0.19   | 0.34     | 1.00     | 1.32     |
| Cuba.....                    | 2.98   | 3.56     | 5.00     | 5.38     |
| Yugoslavia.....              | 8.93   | 15.52    | 26.02    | 32.80    |

\*An asterisk indicates that the data are CONFIDENTIAL.

<sup>1</sup> Data are for total (gross) production at generating centers and therefore include transmission losses and station use. (See footnote 2.)<sup>2</sup> Data are gross production or estimates of gross production based on reported net, adjusted by increasing by 7.5% the thermal electric production to include production that is consumed by the station itself. Hydroelectric production that is consumed by the station itself is a negligible part of the total gross production. Therefore, no attempt has been made to adjust the net production for hydroelectric power.

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Table 82  
Installed Electric Power Generating Capacity <sup>1</sup>

|                                  | Thousand Kilowatts |         |         |                       |
|----------------------------------|--------------------|---------|---------|-----------------------|
|                                  | 1960               | 1965    | 1970    | 1972                  |
| OECD                             |                    |         |         |                       |
| United States.....               | 186,534            | 254,519 | 360,355 | 418,457 <sup>2</sup>  |
| Canada.....                      | 23,035             | 29,348  | 42,826  | 49,400 <sup>2</sup>   |
| Japan <sup>3</sup> .....         | 23,657             | 41,005  | 68,262  | 86,700 <sup>2</sup>   |
| Norway.....                      | 6,607              | 9,915   | 12,910  | 13,600 <sup>4</sup>   |
| Spain.....                       | 6,567              | 10,173  | 17,900  | 19,100 <sup>2 4</sup> |
| Sweden.....                      | 8,957              | 12,042  | 15,307  | 17,000 <sup>2 4</sup> |
| European Community               |                    |         |         |                       |
| France.....                      | 21,851             | 28,209  | 38,809  | 41,200 <sup>2 4</sup> |
| Italy.....                       | 17,686             | 25,398  | 33,252  | 35,800 <sup>2 4</sup> |
| Netherlands.....                 | 5,262              | 7,358   | 10,560  | 11,300 <sup>2 4</sup> |
| United Kingdom.....              | 36,702             | 49,399  | 66,975  | 75,800 <sup>2</sup>   |
| West Germany.....                | 27,097             | 40,603  | 50,833  | 53,700 <sup>2 4</sup> |
| Other Countries                  |                    |         |         |                       |
| India <sup>3</sup> .....         | 5,850              | 10,173  | 16,429  | 18,600 <sup>2</sup>   |
| Communist Countries              |                    |         |         |                       |
| USSR and Eastern Europe          |                    |         |         |                       |
| USSR.....                        | 66,721             | 115,033 | 166,150 | 186,000 <sup>2</sup>  |
| Eastern Europe                   |                    |         |         |                       |
| Bulgaria.....                    | 925                | 2,155   | 4,117   | 4,530                 |
| Czechoslovakia.....              | 5,662              | 8,206   | 10,808  | 11,726                |
| East Germany.....                | 7,904              | 10,350  | 12,669  | 14,397 <sup>2</sup>   |
| Hungary.....                     | 1,479              | 1,998   | 2,733   | 3,135                 |
| Poland.....                      | 6,316              | 9,672   | 13,891  | 16,014                |
| Romania.....                     | 1,779              | 3,258   | 7,346   | 9,100                 |
| Far East                         |                    |         |         |                       |
| China.....                       | 10,900             | 13,700  | 18,500  | 21,500                |
| North Korea.....                 | 1,500              | 2,120   | 2,800   | 3,100                 |
| North Vietnam <sup>5</sup> ..... | 110*               | 175*    | 187*    | 260*                  |
| Other                            |                    |         |         |                       |
| Cuba.....                        | 935                | 965     | 1,325   | 1,450                 |
| Yugoslavia.....                  | 2,402              | 3,728   | 6,873   | 8,300                 |

\*An asterisk indicates that the data are CONFIDENTIAL.

<sup>1</sup> All plants for both public and industrial use. Unless otherwise indicated, data are as of the end of the year.

<sup>2</sup> Nuclear generating capacity installed as of 1972 was as follows (in 1,000 kilowatts): United States, 14,683; Canada, 2,090; France, 2,800; Italy, 621; Netherlands, 57; United Kingdom, 6,172; West Germany, 1,600; India, 620; Japan, 1,823; Spain, 1,120; Sweden, 472; USSR, 2,810; and East Germany, 70.

<sup>3</sup> Data are for the year beginning 1 April of the stated year.

<sup>4</sup> Total installed capacity data are for 1971.

<sup>5</sup> Percentage out of operation as a result of bomb damage is as follows: 1965, 27%; 1970, 30%; and 1972, 75%.

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**Table 83**  
**Production of Metallurgical Coke <sup>1</sup>**

|                                 | Thousand Metric Tons |        |         |         |
|---------------------------------|----------------------|--------|---------|---------|
|                                 | 1960                 | 1965   | 1970    | 1972    |
| OECD <sup>2</sup>               |                      |        |         |         |
| United States.....              | 51,917               | 60,649 | 60,350  | 54,891  |
| Canada <sup>3</sup> .....       | 3,514                | 3,963  | 5,143   | 4,724   |
| European Community.....         | 93,200               | 91,400 | 86,800  | 75,400  |
| Belgium.....                    | 7,540                | 7,334  | 7,116   | 7,239   |
| France <sup>3</sup> .....       | 13,635               | 13,409 | 14,148  | 11,420  |
| Italy.....                      | 3,715                | 5,737  | 7,044   | 6,920   |
| Netherlands <sup>3</sup> .....  | 4,517                | 4,285  | 1,992   | 1,940   |
| United Kingdom.....             | 19,136               | 17,381 | 16,590  | 13,477  |
| West Germany <sup>4</sup> ..... | 44,681               | 43,294 | 39,936  | 34,442  |
| Communist Countries             |                      |        |         |         |
| USSR and Eastern Europe.....    | 73,100               | 86,900 | 96,600  | 103,000 |
| USSR.....                       | 56,233               | 67,500 | 75,400  | 79,900  |
| Eastern Europe.....             | 16,900               | 19,400 | 21,200  | 22,900  |
| Bulgaria.....                   | 20 <sup>5</sup>      | 733    | 837     | 1,190   |
| Czechoslovakia.....             | 6,842                | 7,875  | 8,273   | 8,700   |
| East Germany.....               | 1,008                | 1,051  | 1,308   | 1,800   |
| Hungary <sup>6</sup> .....      | 499                  | 642    | 657     | 575     |
| Poland.....                     | 7,684                | 7,994  | 9,100   | 9,550   |
| Romania.....                    | 820                  | 1,135  | 1,070   | 1,100   |
| Far East                        |                      |        |         |         |
| China.....                      | 10,600*              | 9,400* | 14,600* | 20,000* |
| North Vietnam.....              | N.A.                 | 100*   | 60*     | 100     |
| Other                           |                      |        |         |         |
| Yugoslavia.....                 | 1,083                | 1,267  | 1,309   | 1,299   |

\*An asterisk indicates that the data are CONFIDENTIAL.

<sup>1</sup> Unless otherwise indicated, data are for oven and beehive coke and exclude breeze coke.

<sup>2</sup> Net production, excluding coke consumed by coking plants.

<sup>3</sup> Including breeze coke.

<sup>4</sup> Including electrode coke but excluding low-temperature coke.

<sup>5</sup> Data include foundry coke, not suitable for blast furnaces.

<sup>6</sup> A large part of this coke is produced in gas plants and is used with high-quality coke in charging blast furnaces.

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Table 84

Production of Crude Steel <sup>1</sup>

Million Metric Tons

|                                  | 1960  | 1965               | 1970               | 1972               |
|----------------------------------|-------|--------------------|--------------------|--------------------|
| OECD.....                        | 229   | 303                | 390                | 398                |
| United States <sup>2</sup> ..... | 90.07 | 118.98             | 119.14             | 120.75             |
| Australia.....                   | 3.75  | 5.46               | 6.82               | 6.53               |
| Canada.....                      | 5.27  | 9.13               | 11.20              | 11.81              |
| Japan.....                       | 22.14 | 41.16              | 93.32              | 96.90              |
| Spain.....                       | 1.92  | 3.52               | 7.43               | 9.53               |
| Sweden.....                      | 3.22  | 4.73               | 5.50               | 5.23               |
| European Community.....          | 97.9  | 114                | 138                | 138                |
| Belgium.....                     | 7.18  | 9.16               | 12.61              | 14.39              |
| France.....                      | 17.28 | 19.60              | 23.77              | 23.99              |
| Italy.....                       | 8.23  | 12.68              | 17.28              | 19.69              |
| United Kingdom.....              | 24.70 | 27.44              | 28.32              | 25.32              |
| West Germany.....                | 34.10 | 36.82 <sup>3</sup> | 45.04 <sup>3</sup> | 43.70 <sup>3</sup> |
| Other Countries                  |       |                    |                    |                    |
| India.....                       | 3.29  | 6.41 <sup>4</sup>  | 6.23 <sup>4</sup>  | 6.55 <sup>4</sup>  |
| Communist Countries              |       |                    |                    |                    |
| USSR and Eastern Europe.....     | 86.5  | 120                | 156                | 171                |
| USSR.....                        | 65.29 | 91.02              | 115.89             | 126.00             |
| Eastern Europe.....              | 21.2  | 28.7               | 40.1               | 44.7               |
| Bulgaria <sup>5</sup> .....      | 0.30  | 0.65               | 1.86               | 2.18               |
| Czechoslovakia.....              | 6.77  | 8.60               | 11.48              | 12.73              |
| East Germany.....                | 3.75  | 4.37               | 5.37               | 5.67               |
| Hungary.....                     | 1.89  | 2.52               | 3.11               | 3.27               |
| Poland.....                      | 6.68  | 9.09               | 11.80              | 13.48              |
| Romania.....                     | 1.81  | 3.43               | 6.52               | 7.40               |
| Far East                         |       |                    |                    |                    |
| China.....                       | 13.0  | 11.0               | 18.0               | 23.0               |
| North Korea.....                 | 0.64  | 1.23               | 2.20               | 2.90               |
| Other                            |       |                    |                    |                    |
| Cuba.....                        | N.A.  | 0.04               | 0.14               | 0.15               |
| Yugoslavia.....                  | 1.44  | 1.77               | 2.23               | 2.59               |

<sup>1</sup> Data are for ingots and steel for castings.

<sup>2</sup> Excluding steel for castings made in foundries operated by companies not producing ingots.

<sup>3</sup> Including data for West Berlin.

<sup>4</sup> Ingots only.

<sup>5</sup> Including an estimate for steel for castings for all years.

**Table 85**  
**Production of Rolled Steel <sup>1</sup>**

|                              | Million Metric Tons |       |                   |                   |
|------------------------------|---------------------|-------|-------------------|-------------------|
|                              | 1960                | 1965  | 1970              | 1972              |
| OECD.....                    | 177                 | 235   | 298               | 305               |
| United States.....           | 69.35               | 90.09 | 82.37             | 83.28             |
| Canada.....                  | 4.13                | 6.72  | 8.24 <sup>2</sup> | 8.96 <sup>2</sup> |
| Japan.....                   | 17.20               | 33.42 | 76.03             | 82.10             |
| European Community.....      | 76.7                | 89.6  | 111               | 109               |
| Belgium <sup>3</sup> .....   | 5.88                | 7.72  | 10.26             | 11.44             |
| France.....                  | 13.70               | 15.72 | 18.73             | 18.80             |
| Italy.....                   | 7.78                | 10.62 | 14.76             | 16.28             |
| United Kingdom.....          | 18.41               | 20.76 | 22.18             | 18.77             |
| West Germany.....            | 25.84               | 28.48 | 35.97             | 34.40             |
| Communist Countries          |                     |       |                   |                   |
| USSR and Eastern Europe..... | 65.1                | 90.6  | 120               | 130               |
| USSR.....                    | 50.96               | 70.91 | 92.50             | 99.50             |
| Eastern Europe.....          | 14.1                | 19.7  | 27.6              | 31.0              |
| Bulgaria.....                | 0.19                | 0.43  | 1.42              | 2.02              |
| Czechoslovakia.....          | 4.48                | 6.09  | 7.93              | 8.71              |
| East Germany.....            | 2.61                | 2.99  | 3.41              | 3.60              |
| Hungary.....                 | 1.19                | 1.70  | 2.04              | 2.22              |
| Poland.....                  | 4.42                | 6.13  | 8.14              | 9.22              |
| Romania.....                 | 1.25                | 2.35  | 4.70              | 5.20              |
| Other                        |                     |       |                   |                   |
| Yugoslavia.....              | 0.97                | 1.19  | 1.77              | 1.93              |

<sup>1</sup> Unless otherwise indicated, data are for hot-rolled steel.

<sup>2</sup> Shipments.

<sup>3</sup> Including steel forgings and rolled wrought-iron products.

Table 86

Production of Pig Iron and Blast-Furnace Ferroalloys <sup>1</sup>

Thousand Metric Tons

|                                     | 1960          | 1965                | 1970                | 1972                |
|-------------------------------------|---------------|---------------------|---------------------|---------------------|
| <b>OECD</b>                         |               |                     |                     |                     |
| United States.....                  | 61,072        | 80,584              | 83,324              | 81,093              |
| Australia <sup>2</sup> .....        | 2,939         | 4,313               | 6,144               | 6,155               |
| Canada.....                         | 4,025         | 6,587               | 8,424               | 8,706               |
| Japan <sup>2</sup> .....            | 11,896        | 27,502              | 68,048              | 74,055              |
| Spain <sup>2</sup> .....            | 1,888         | 2,328               | 4,164               | 5,935               |
| European Community.....             | <b>70,300</b> | <b>81,000</b>       | <b>98,200</b>       | <b>96,300</b>       |
| Belgium.....                        | 6,553         | 8,366               | 10,844              | 11,770              |
| France.....                         | 14,144        | 15,769              | 19,221              | 18,640              |
| Italy.....                          | 2,715         | 5,501               | 8,354               | 9,425               |
| United Kingdom.....                 | 16,016        | 17,740              | 17,672              | 15,332              |
| West Germany.....                   | 25,729        | 26,989 <sup>3</sup> | 33,627 <sup>4</sup> | 31,966 <sup>4</sup> |
| <b>Other Countries <sup>2</sup></b> |               |                     |                     |                     |
| Brazil.....                         | 1,783         | 2,341               | 4,200               | 5,304               |
| India.....                          | 4,275         | 7,124               | 7,224               | N.A.                |
| South Africa.....                   | 2,000         | 3,603               | 4,296               | 4,896               |
| <b>Communist Countries</b>          |               |                     |                     |                     |
| USSR and Eastern Europe.....        | <b>60,200</b> | <b>84,100</b>       | <b>110,000</b>      | <b>119,000</b>      |
| USSR.....                           | 46,757        | 66,184              | 85,933              | 92,300              |
| Eastern Europe.....                 | <b>13,400</b> | <b>17,900</b>       | <b>23,800</b>       | <b>26,300</b>       |
| Bulgaria.....                       | 192           | 695                 | 1,251               | 1,562               |
| Czechoslovakia.....                 | 4,696         | 5,868               | 7,548               | 8,300               |
| East Germany.....                   | 1,995         | 2,338               | 1,994               | 2,150               |
| Hungary.....                        | 1,244         | 1,577               | 1,822               | 2,044               |
| Poland.....                         | 4,253         | 5,375               | 6,984               | 7,480               |
| Romania.....                        | 1,014         | 2,019               | 4,210               | 4,740               |
| <b>Far East</b>                     |               |                     |                     |                     |
| China.....                          | 14,100*       | 12,500*             | 19,500*             | 27,000*             |
| North Korea <sup>5</sup> .....      | 870           | 1,320*              | 2,000*              | 2,600*              |
| North Vietnam.....                  | 10            | 200                 | 50                  | 40                  |
| <b>Other</b>                        |               |                     |                     |                     |
| Yugoslavia.....                     | 972           | 1,115               | 1,275               | 1,820               |

\*An asterisk indicates that the data are CONFIDENTIAL.

<sup>1</sup> Unless otherwise indicated, data are for pig iron and blast-furnace ferroalloys and exclude ferroalloys obtained from electric furnaces and sponge iron.

<sup>2</sup> Data may include some electric-furnace ferroalloys.

<sup>3</sup> Including small quantities of foreign-produced pig iron returned to furnaces.

<sup>4</sup> Including data for West Berlin.

<sup>5</sup> Including sponge iron.



Table 87  
Production of Iron Ore <sup>1</sup>

|                                  | Million Metric Tons |                   |                    |                    |
|----------------------------------|---------------------|-------------------|--------------------|--------------------|
|                                  | 1960                | 1965              | 1970               | 1972               |
| OECD <sup>2</sup>                |                     |                   |                    |                    |
| United States <sup>3</sup> ..... | 89.04               | 89.18             | 91.28              | 77.13              |
| Australia.....                   | 4.50                | 6.80              | 45.22 <sup>4</sup> | 60.77 <sup>4</sup> |
| Canada <sup>5</sup> .....        | 19.55               | 36.25             | 47.46              | 39.29              |
| Sweden.....                      | 21.69               | 29.35             | 31.51              | 33.10              |
| European Community.....          | 107                 | 90.4              | 80.9               | 72.3               |
| France.....                      | 66.91               | 59.52             | 56.80              | 54.25              |
| Luxembourg.....                  | 6.98                | 6.32              | 5.72               | 4.12               |
| United Kingdom.....              | 17.36               | 15.66             | 12.02              | 8.36               |
| West Germany.....                | 14.18               | 7.95 <sup>6</sup> | 5.53 <sup>6</sup>  | 4.82 <sup>6</sup>  |
| Other Countries <sup>7</sup>     |                     |                   |                    |                    |
| Brazil.....                      | 9.35                | 20.75             | 30.00              | N.A.               |
| India.....                       | 16.61               | 23.74             | 31.33              | 34.38              |
| Liberia.....                     | 3.20                | 16.15             | 23.68              | N.A.               |
| Venezuela.....                   | 19.49               | 17.65             | 22.00              | 16.93              |
| Communist Countries <sup>8</sup> |                     |                   |                    |                    |
| USSR and Eastern Europe.....     | 115                 | 165               | 206                | 219                |
| USSR.....                        | 105.86              | 153.43            | 195.49             | 208.00             |
| Eastern Europe.....              | 9.34                | 12.0              | 10.8               | 11.1               |
| Bulgaria.....                    | 0.42                | 1.80              | 2.41               | 3.20               |
| Czechoslovakia.....              | 3.12                | 2.44              | 1.61               | 1.60               |
| East Germany.....                | 1.64                | 1.63              | 0.42               | 0.27               |
| Hungary.....                     | 0.52                | 0.76              | 0.63               | 0.70               |
| Poland.....                      | 2.18                | 2.86              | 2.55               | 1.80               |
| Romania.....                     | 1.46                | 2.48              | 3.21               | 3.50               |
| Far East                         |                     |                   |                    |                    |
| China.....                       | 28.20*              | 25.00*            | 39.00*             | 54.00*             |
| North Korea.....                 | 3.11                | 4.96 <sup>9</sup> | 6.0*-7.0*          | 7.9*-9.0*          |
| North Vietnam.....               | 0.02                | 0.40              | 0.10               | 0.08               |
| Other                            |                     |                   |                    |                    |
| Albania <sup>10</sup> .....      | 0.26                | 0.39              | 0.40               | 0.50               |
| Yugoslavia.....                  | 2.20                | 2.50              | 3.69               | 3.96               |

\*An asterisk indicates that the data are CONFIDENTIAL.

<sup>1</sup> Unless otherwise indicated, data are for the gross amount of marketable iron ores in the state in which they leave the mines, including manganiferous ores but excluding pyrites.

<sup>2</sup> The metal content of the ore in the OECD countries is as follows: United Kingdom and West Germany, 28%; Luxembourg, 30%; France, 32%; United States and Canada, 55%-60%; and Australia and Sweden, 60%-65%.

<sup>3</sup> Excluding manganiferous iron ore containing 5% or more of manganese.

<sup>4</sup> Twelve months ending 30 June of the stated year.

<sup>5</sup> Shipments.

<sup>6</sup> Including data for West Berlin.

<sup>7</sup> The metal content of the ore in the Other Countries ranges from 60% to 70%.

<sup>8</sup> The metal content of the ore in selected Communist countries is as follows: the USSR, in terms of dressed ore, 55% of the ore; China, 20%-50%; North Korea, 40%-50%; Albania, 50%-55% (1% nickel); Bulgaria, 38%-50%; Czechoslovakia, 34%; East Germany, 25%-30%; Hungary, 24%-28%; Poland, 30%; Romania, 32%-40%; Yugoslavia, 40%; and North Vietnam, 55%.

<sup>9</sup> Based on an announced increase for 1965 of 24% applied to 1964 plan data.

<sup>10</sup> Iron-nickel ore that is mined for its nickel content.

Table 88

Production of Manganese Ore <sup>1</sup>

|                                  | Thousand Metric Tons |       |       |                    |
|----------------------------------|----------------------|-------|-------|--------------------|
|                                  | 1960                 | 1965  | 1970  | 1972               |
| OECD                             |                      |       |       |                    |
| United States <sup>2</sup> ..... | 73                   | 27    | 4     | ....               |
| Australia.....                   | 62                   | 102   | 751   | 1,076 <sup>3</sup> |
| Japan.....                       | 324                  | 303   | 270   | 285 <sup>3</sup>   |
| Other Countries                  |                      |       |       |                    |
| Brazil.....                      | 999                  | 1,396 | 1,879 | 2,608              |
| Gabon.....                       | N.A.                 | 1,280 | 1,453 | 1,950              |
| Ghana <sup>4</sup> .....         | 545 <sup>5</sup>     | 604   | 405   | 599 <sup>3</sup>   |
| India.....                       | 1,199                | 1,647 | 1,651 | 1,724              |
| South Africa.....                | 1,194                | 1,567 | 2,679 | 3,266              |
| Zaire.....                       | 382                  | 378   | 347   | 387 <sup>3</sup>   |
| Communist Countries              |                      |       |       |                    |
| USSR and Eastern Europe.....     | 6,350                | 8,040 | 7,230 | 7,740              |
| USSR.....                        | 5,872                | 7,576 | 6,841 | 7,500              |
| Eastern Europe.....              | 477                  | 461   | 388   | 245                |
| Bulgaria.....                    | 25                   | 42    | 33    | 30                 |
| Czechoslovakia.....              | 154                  | 80    | 86    | 50                 |
| Hungary.....                     | 123                  | 213   | 167   | 140                |
| Romania.....                     | 175                  | 126   | 102   | 25                 |
| Far East                         |                      |       |       |                    |
| China.....                       | 708*                 | 312*  | 485*  | 675*               |
| Other                            |                      |       |       |                    |
| Cuba.....                        | 123                  | 86.1  | N.A.  | N.A.               |
| Yugoslavia.....                  | 13                   | 8     | 15    | 15                 |

\*An asterisk indicates that the data are CONFIDENTIAL.

<sup>1</sup> The metal content of the ore of various countries is as follows: the United States, more than 35%; other non-Communist countries and Cuba, 30% to 53%; the USSR, about 45%; China and Yugoslavia, about 35%; Romania, 30%; Czechoslovakia, less than 30%; Bulgaria, about 27%; and Hungary, 26%.

<sup>2</sup> Shipments.

<sup>3</sup> Data are for 1971.

<sup>4</sup> Dry weight.

<sup>5</sup> Exports.

Table 89  
Production of Refined Nickel <sup>1</sup>

|                                  | Metric Tons |          |          |          |
|----------------------------------|-------------|----------|----------|----------|
|                                  | 1960        | 1965     | 1970     | 1972     |
| OECD                             |             |          |          |          |
| United States <sup>2</sup> ..... | 12,975      | 12,256   | 14,114   | 14,061   |
| Canada <sup>3</sup> .....        | 114,735     | 147,000  | 184,500  | 137,400  |
| Greece.....                      | N.A.        | N.A.     | 8,642    | 11,400   |
| Japan.....                       | 17,288      | 27,900   | 80,232   | 96,400   |
| Norway.....                      | 30,428      | 31,835   | 38,478   | 43,000   |
| European Community               |             |          |          |          |
| France <sup>4</sup> .....        | 10,016      | 8,150    | 10,952   | 12,500   |
| United Kingdom.....              | 34,300      | 40,487   | 36,700   | 19,000   |
| Other Countries                  |             |          |          |          |
| New Caledonia.....               | 11,408      | 15,552   | 33,765   | 47,200   |
| Communist Countries              |             |          |          |          |
| USSR and Eastern Europe.....     | 72,200*     | 101,000* | 139,000* | 158,000* |
| USSR.....                        | 72,000*     | 100,000* | 137,000* | 156,000* |
| Eastern Europe.....              | 250*        | 1,250*   | 1,950*   | 2,050*   |
| Czechoslovakia.....              | ....        | 1,000*   | 1,700*   | 1,800*   |
| East Germany.....                | 250*        | 250*     | 250*     | 250*     |
| Other                            |             |          |          |          |
| Cuba <sup>5</sup> .....          | 12,800      | 28,230   | 36,000   | 36,000   |

\*An asterisk indicates that the data are CONFIDENTIAL.

<sup>1</sup> Unless otherwise indicated, data are for refined metal.

<sup>2</sup> Nickel recovered from refined domestic ore and nickel recovered as a byproduct of electrolytic refining of copper. Secondary nickel produced from nonferrous scrap is excluded.

<sup>3</sup> Including nickel and content of oxides and salts produced, plus exports of recoverable nickel in matte and concentrates.

<sup>4</sup> Excluding data for New Caledonia.

<sup>5</sup> Nickel content of oxides and sulfides.

**Table 90**  
**Production of Chromite <sup>1</sup>**

|                                  | Thousand Metric Tons |       |       |                  |
|----------------------------------|----------------------|-------|-------|------------------|
|                                  | 1960                 | 1965  | 1970  | 1972             |
| OECD                             |                      |       |       |                  |
| United States <sup>2</sup> ..... | 37.4 <sup>3</sup>    | Negl. | ....  | ....             |
| Greece.....                      | 20.6                 | 21.5  | 10.2  | 8.3 <sup>4</sup> |
| Turkey.....                      | 220.7                | 242.2 | 294.9 | 335.1            |
| Other Countries                  |                      |       |       |                  |
| India.....                       | 50.2                 | 30.4  | 135.8 | 137.8            |
| Philippines.....                 | 249.0                | 192.0 | 199.0 | 127.6            |
| Rhodesia.....                    | 291.1                | 281.1 | 275.0 | 325.0            |
| South Africa.....                | 339.7                | 421.4 | 642.5 | 694.4            |
| Communist Countries <sup>5</sup> |                      |       |       |                  |
| USSR.....                        | 520                  | 1,160 | 1,380 | 1,420            |
| North Vietnam.....               | 19.4                 | 12.0* | 2.0*  | Negl.            |
| Albania.....                     | 130.0                | 140.0 | 211.0 | 234.0            |
| Cuba.....                        | 10.0 <sup>6</sup>    | 14.4  | N.A.  | N.A.             |
| Yugoslavia.....                  | 25.4                 | 20.8  | 40.6  | 28.1             |

\*An asterisk indicates that the data are CONFIDENTIAL.

<sup>1</sup> Estimated chromic oxide (Cr<sub>2</sub>O<sub>3</sub>) content of ores mined. In many instances, data are only approximate.

<sup>2</sup> Shipments.

<sup>3</sup> Production for the Federal Government only.

<sup>4</sup> Data are for 1971.

<sup>5</sup> The following percentages were used to reduce the estimates of ores mined in the Communist countries to show the chromic oxide content: USSR, a part at 50% and the remainder at 40%; North Vietnam at 50%; Albania at 45%; Cuba at 35%; and Yugoslavia at about 26%.

<sup>6</sup> US imports.

Table 91

Production of Molybdenum <sup>1</sup>

|                           | Metric Tons |        |        |                  |
|---------------------------|-------------|--------|--------|------------------|
|                           | 1960        | 1965   | 1970   | 1972             |
| OECD.....                 | 31,900      | 39,900 | 66,400 | 60,500           |
| United States.....        | 30,952      | 35,095 | 50,508 | 48,308           |
| Canada <sup>2</sup> ..... | 348         | 4,335  | 15,319 | 11,567           |
| Japan.....                | 381         | 277    | 265    | 266 <sup>3</sup> |
| Norway.....               | 246         | 239    | 333    | 360 <sup>3</sup> |
| Other Countries           |             |        |        |                  |
| Chile.....                | 1,852       | 3,693  | 5,700  | 6,577            |
| Peru.....                 | Negl.       | 680    | 607    | 680              |
| Communist Countries       |             |        |        |                  |
| USSR.....                 | 4,800*      | 7,300* | 9,500* | 9,800*           |
| Far East                  |             |        |        |                  |
| China.....                | 3,800*      | 1,000* | 1,000* | N.A.             |

\*An asterisk indicates that the data are CONFIDENTIAL.

<sup>1</sup> Molybdenum content of ores and concentrates.

<sup>2</sup> Shipments.

<sup>3</sup> Data are for 1971.

Table 92

Production of Cobalt <sup>1</sup>

|                           | Metric Tons        |                    |        |        |
|---------------------------|--------------------|--------------------|--------|--------|
|                           | 1960               | 1965               | 1970   | 1972   |
| OECD                      |                    |                    |        |        |
| Canada <sup>2</sup> ..... | 1,618              | 1,655              | 2,069  | 2,359  |
| Finland.....              | N.A.               | 1,493 <sup>3</sup> | 1,270  | 1,270  |
| Other Countries           |                    |                    |        |        |
| Morocco.....              | 1,271              | 1,832              | 604    | 1,089  |
| Zaire.....                | 8,222              | 8,388              | 13,958 | 13,608 |
| Zambia.....               | 1,847 <sup>4</sup> | 1,544 <sup>4</sup> | 2,400  | 2,177  |
| Communist Countries       |                    |                    |        |        |
| USSR.....                 | 1,640*             | 3,400*             | 4,700* | 5,000* |
| Other                     |                    |                    |        |        |
| Cuba.....                 | ....               | 850                | 1,575  | 1,650  |

\*An asterisk indicates that the data are CONFIDENTIAL.

<sup>1</sup> Cobalt content of ores mined, unless otherwise indicated.

<sup>2</sup> Including metal, salts, and oxides recovered from smelter products and residues exported.

<sup>3</sup> Cobalt content of sulfides.

<sup>4</sup> Cobalt content of alloys.

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Table 93

Production of Tungsten Ore <sup>1</sup>

Metric Tons

|                                  | 1960               | 1965               | 1970    | 1972               |
|----------------------------------|--------------------|--------------------|---------|--------------------|
| OECD.....                        | 14,300             | 14,600             | 20,200  | 21,000             |
| United States <sup>2</sup> ..... | 6,645              | 7,213              | 9,176   | 7,531              |
| Australia.....                   | 1,882              | 1,992              | 2,659   | 3,575              |
| Canada.....                      | N.A.               | 2,826              | 2,915   | 3,861              |
| Portugal.....                    | 2,917              | 1,644              | 2,995   | 3,337              |
| Other Countries                  |                    |                    |         |                    |
| Boliva.....                      | 2,150 <sup>3</sup> | 1,823 <sup>3</sup> | 3,878   | 3,909              |
| Brazil.....                      | 1,694              | 383                | 2,430   | 2,938 <sup>4</sup> |
| Peru.....                        | 488                | 797                | 1,690   | 1,619 <sup>4</sup> |
| South Korea.....                 | 5,734              | 4,479              | 4,351   | 4,385              |
| Thailand.....                    | 442                | 555                | 1,494   | 5,271 <sup>4</sup> |
| Communist Countries              |                    |                    |         |                    |
| USSR.....                        | 11,400*            | 14,000*            | 14,500* | 15,500*            |
| Far East                         |                    |                    |         |                    |
| China.....                       | 28,700             | 14,600             | 11,500  | 13,000             |
| North Korea.....                 | 3,000*             | 4,300*             | 5,000*  | 5,000*             |

\*An asterisk indicates that the data are CONFIDENTIAL.

<sup>1</sup> Data are for the estimated tonnage of tungsten concentrates, 60% tungsten trioxide (WO<sub>3</sub>) basis.<sup>2</sup> Shipments.<sup>3</sup> Exports.<sup>4</sup> Data are for 1971.

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Table 94  
Production of Gold

|                         | Million Troy Ounces |             |             |             |
|-------------------------|---------------------|-------------|-------------|-------------|
|                         | 1960                | 1965        | 1970        | 1972        |
| Non-Communist Countries |                     |             |             |             |
| United States.....      | 1.68                | 1.67        | 1.81        | 1.45        |
| Australia.....          | 1.09                | 0.88        | 0.63        | 0.70        |
| Canada.....             | 4.63                | 3.59        | 2.41        | 2.03        |
| Colombia.....           | 0.43                | 0.32        | 0.20        | 0.19        |
| Ghana.....              | 0.88                | 0.76        | 0.70        | 0.72        |
| India.....              | 0.16                | 0.13        | 0.10        | 0.11        |
| Japan.....              | 0.34                | 0.52        | 0.71        | 0.85        |
| Mexico.....             | 0.30                | 0.22        | 0.20        | 0.15        |
| Nicaragua.....          | 0.20                | 0.16        | 0.11        | 0.08        |
| Peru.....               | 0.14                | 0.11        | 0.09        | N.A.        |
| Philippines.....        | 0.41                | 0.44        | 0.60        | 0.61        |
| Rhodesia.....           | 0.56                | 0.54        | 0.50        | 0.50        |
| South Africa.....       | 21.38               | 30.54       | 32.23       | 29.20       |
| Zaire.....              | 0.32                | 0.07        | 0.18        | 0.08        |
| Communist Countries     |                     |             |             |             |
| USSR.....               | 3.50*               | 5.00*       | 6.60*       | 8.20*       |
| China.....              | 1.01*-1.12*         | 0.48*-0.98* | 0.49*-1.22* | 0.49*-1.31* |
| Czechoslovakia.....     | 0.07*               | 0.07*       | Negl.*      | Negl.*      |
| Romania.....            | 0.37*               | 0.49*       | 0.74*       | 0.75*       |

\*An asterisk indicates that the data are CONFIDENTIAL.

Table 95

Production of Refined Copper <sup>1</sup>

Thousand Metric Tons

|                                  | 1960         | 1965               | 1970               | 1972               |
|----------------------------------|--------------|--------------------|--------------------|--------------------|
| OECD.....                        | <b>3,310</b> | <b>3,900</b>       | <b>4,610</b>       | <b>4,640</b>       |
| United States <sup>2</sup> ..... | 1,642.6      | 1,956.7            | 2,034.5            | 2,010.0            |
| Australia.....                   | 84.2         | 95.2               | 145.5              | 168.9              |
| Canada.....                      | 378.2        | 393.8              | 493.3              | 490.0              |
| Japan.....                       | 248.1        | 365.7              | 705.3              | 810.0              |
| European Community.....          | <b>796</b>   | <b>904</b>         | <b>997</b>         | <b>921</b>         |
| Belgium.....                     | 211.8        | 280.0              | 337.6              | 300.0              |
| United Kingdom.....              | 218.9        | 227.6              | 206.2              | 180.7              |
| West Germany.....                | 309.1        | 342.4 <sup>3</sup> | 405.8 <sup>3</sup> | 398.5 <sup>3</sup> |
| Other Countries                  |              |                    |                    |                    |
| Chile.....                       | 225.6        | 288.8              | 465.1              | 420.3              |
| Zaire.....                       | 144.7        | 152.6              | 189.6              | 219.2              |
| Zambia.....                      | 402.6        | 522.3              | 580.7              | 610.0              |
| Communist Countries              |              |                    |                    |                    |
| USSR and Eastern Europe.....     | <b>591</b>   | <b>913</b>         | <b>1,310*</b>      | <b>1,520*</b>      |
| USSR.....                        | 490.0        | 772.0              | 1,100.0            | 1,250.0            |
| Eastern Europe.....              | <b>101</b>   | <b>141</b>         | <b>209*</b>        | <b>274*</b>        |
| Bulgaria.....                    | 14.0         | 23.9               | 38.3               | 42.0               |
| Czechoslovakia.....              | 10.1         | 12.3               | 16.7               | 18.0               |
| East Germany.....                | 40.0         | 40.0               | 45.0*              | 47.0*              |
| Hungary.....                     | 8.2          | 12.0               | 12.0               | 6.0                |
| Poland.....                      | 21.7         | 37.4               | 72.2               | 131.0              |
| Romania.....                     | 7.0          | 15.0               | 25.0               | 30.0               |
| Far East                         |              |                    |                    |                    |
| China.....                       | 90.0*        | 201*               | 290*               | 290*               |
| North Korea.....                 | 8.5          | 18.0               | 40.0*              | 40.0*              |
| Other                            |              |                    |                    |                    |
| Albania <sup>4</sup> .....       | 0.9          | 4.2                | 5.7                | 6.2                |
| Yugoslavia.....                  | 35.1         | 56.4               | 89.3               | 130.0              |

\*An asterisk indicates that the data are CONFIDENTIAL.

<sup>1</sup> Unless otherwise indicated, data are for primary and secondary refined copper produced from domestic and imported ores and scrap.<sup>2</sup> Including production from secondary plants and copper refined by manufacturers for their own use.<sup>3</sup> Including data for West Berlin.<sup>4</sup> Blister copper.



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Table 96

## Production of Primary Aluminum

Thousand Metric Tons

|                                   | 1960  | 1965             | 1970             | 1972             |
|-----------------------------------|-------|------------------|------------------|------------------|
| OECD.....                         | 3,510 | 4,870            | 7,440            | 8,330            |
| United States.....                | 1,828 | 2,499            | 3,612            | 3,744            |
| Australia.....                    | 12    | 88               | 206              | 206              |
| Canada.....                       | 691   | 753              | 962              | 998              |
| Japan.....                        | 133   | 294              | 733              | 1,013            |
| Norway <sup>1</sup> .....         | 171   | 276              | 522              | 542              |
| Spain.....                        | 29    | 52               | 120              | 148              |
| European Community.....           | 520   | 735              | 952              | 1,290            |
| France.....                       | 238   | 340              | 382              | 392              |
| Italy.....                        | 84    | 124              | 146              | 119              |
| United Kingdom <sup>1</sup> ..... | 29    | 36               | 40               | 172              |
| West Germany.....                 | 169   | 234 <sup>2</sup> | 310 <sup>2</sup> | 445 <sup>2</sup> |
| Other Countries                   |       |                  |                  |                  |
| India.....                        | 18    | 62               | 161              | 179              |
| Communist Countries               |       |                  |                  |                  |
| USSR and Eastern Europe.....      | 767   | 1,180            | 2,080*           | 2,260*           |
| USSR.....                         | 630   | 1,000            | 1,720*           | 1,870*           |
| Eastern Europe.....               | 137   | 178              | 360*             | 387*             |
| Czechoslovakia.....               | 26    | 28               | 31               | 38               |
| East Germany.....                 | 35    | 45               | 56*              | 57*              |
| Hungary.....                      | 50    | 58               | 66               | 68               |
| Poland.....                       | 26    | 47               | 100              | 102              |
| Romania <sup>3</sup> .....        | ....  | ....             | 107              | 122              |
| Far East                          |       |                  |                  |                  |
| China.....                        | 80*   | 115*             | 230*             | 280*             |
| Other                             |       |                  |                  |                  |
| Yugoslavia.....                   | 25    | 39               | 48               | 73               |

\*An asterisk indicates that the data are CONFIDENTIAL.

<sup>1</sup> Including the pure content of virgin alloys.<sup>2</sup> Including data for West Berlin.<sup>3</sup> Including aluminum alloys.

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Table 97

## Production of Bauxite

Thousand Metric Tons

|                              | 1960   | 1965   | 1970   | 1972   |
|------------------------------|--------|--------|--------|--------|
| OECD.....                    | 5,400  | 7,050  | 17,100 | 21,700 |
| United States.....           | 2,030  | 1,681  | 2,115  | 1,930  |
| Australia.....               | 70     | 1,187  | 9,387  | 13,310 |
| European Community.....      | 2,380  | 2,910  | 3,280  | 3,350  |
| France.....                  | 2,068  | 2,662  | 3,051  | 3,251  |
| Other Countries              |        |        |        |        |
| Guinea.....                  | 1,378  | 1,870  | 2,642  | 2,642  |
| Guyana.....                  | 2,511  | 2,919  | 4,144  | 3,556  |
| Jamaica.....                 | 5,837  | 8,651  | 12,010 | 12,193 |
| Surinam.....                 | 3,455  | 4,360  | 5,341  | 6,249  |
| Communist Countries          |        |        |        |        |
| USSR and Eastern Europe..... | 4,390* | 6,350* | 7,370* | 7,760* |
| USSR <sup>1</sup> .....      | 3,110* | 4,860* | 5,000* | 5,000* |
| Eastern Europe.....          | 1,280  | 1,490  | 2,370  | 2,760  |
| Hungary.....                 | 1,190  | 1,477  | 2,022  | 2,358  |
| Romania.....                 | 88     | 12     | 350    | 400    |
| Far East                     |        |        |        |        |
| China <sup>2</sup> .....     | 640*   | 920*   | 1,830* | 2,240* |
| Other                        |        |        |        |        |
| Yugoslavia.....              | 1,025  | 1,574  | 2,098  | 2,197  |

\*An asterisk indicates that the data are CONFIDENTIAL.

<sup>1</sup> Including nonbauxite ore such as nepheline and alunite for the production of alumina.<sup>2</sup> Data are for aluminous shales and clays used for the manufacture of aluminum and exclude shales exported and those used for refractories, abrasives, and cement.

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Table 98

Smelter Production of Lead <sup>1</sup>

Thousand Metric Tons

|                                  | 1960  | 1965               | 1970               | 1972               |
|----------------------------------|-------|--------------------|--------------------|--------------------|
| OECD                             |       |                    |                    |                    |
| United States <sup>2</sup> ..... | 346.9 | 379.4              | 604.8              | 640.2              |
| Australia.....                   | 192.9 | 196.8              | 180.0              | 179.7              |
| Canada.....                      | 144.0 | 169.2              | 185.6              | 186.8              |
| Japan.....                       | 69.4  | 102.9              | 195.5              | 206.6              |
| European Community.....          | 364   | 376                | 437                | 420                |
| Belgium <sup>3</sup> .....       | 92.7  | 110.8              | 89.4               | 90.2               |
| France.....                      | 74.4  | 98.4               | 119.9              | 136.2              |
| Italy.....                       | 41.6  | 39.4               | 54.3               | 50.2               |
| United Kingdom.....              | 15.6  | 23.0               | 43.8               | 41.3               |
| West Germany.....                | 139.2 | 104.0 <sup>4</sup> | 112.4 <sup>4</sup> | 101.6 <sup>4</sup> |
| Other Countries                  |       |                    |                    |                    |
| Mexico.....                      | 186.2 | 164.3              | 150.3              | 136.1 <sup>5</sup> |
| Communist Countries              |       |                    |                    |                    |
| USSR and Eastern Europe.....     | 436   | 608                | 807                | 876                |
| USSR.....                        | 324.0 | 433.0              | 597.0              | 650.0              |
| Eastern Europe.....              | 112   | 175                | 210                | 226                |
| Bulgaria.....                    | 40.4  | 93.4               | 98.6               | 102.0              |
| Czechoslovakia.....              | 9.1   | 14.6               | 17.6               | 18.0               |
| East Germany.....                | 10.4  | 12.5               | ....               | ....               |
| Hungary.....                     | 0.5   | 0.5                | 0.5                | 0.5                |
| Poland <sup>6</sup> .....        | 39.7  | 41.4               | 54.5               | 65.3               |
| Romania <sup>6</sup> .....       | 12.0  | 12.2               | 39.0               | 40.0               |
| Far East                         |       |                    |                    |                    |
| North Korea.....                 | 34.0  | 54.0               | 61.0               | N.A.               |
| Other                            |       |                    |                    |                    |
| Yugoslavia.....                  | 89.1  | 101.6              | 97.4               | 87.5               |

<sup>1</sup> Unless otherwise indicated, data are for smelter production of lead produced from domestic and imported ores and concentrates, excluding all metal produced from scrap (secondary metals).

<sup>2</sup> Excluding refined lead produced from imported base bullion.

<sup>3</sup> Including secondary metal.

<sup>4</sup> Including data for West Berlin.

<sup>5</sup> Data are for 1971.

<sup>6</sup> Probably including some secondary metal.

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**Table 99**  
**Production of Refined Zinc <sup>1</sup>**

|                                  | Thousand Metric Tons |       |       |       |
|----------------------------------|----------------------|-------|-------|-------|
|                                  | 1960                 | 1965  | 1970  | 1972  |
| OECD.....                        | 2,210                | 2,840 | 3,530 | 3,680 |
| United States <sup>2</sup> ..... | 787.7                | 978.0 | 866.3 | 694.4 |
| Australia.....                   | 122.2                | 202.2 | 257.5 | 298.0 |
| Canada.....                      | 238.2                | 325.5 | 417.9 | 476.6 |
| Japan.....                       | 180.5                | 367.8 | 676.2 | 804.4 |
| European Community.....          | 783                  | 842   | 1,090 | 1,140 |
| Belgium.....                     | 247.6                | 238.1 | 231.9 | 256.1 |
| France.....                      | 146.4                | 192.0 | 223.7 | 261.5 |
| Italy.....                       | 85.2                 | 80.9  | 142.1 | 154.2 |
| United Kingdom.....              | 75.5                 | 106.8 | 146.6 | 73.7  |
| West Germany.....                | 191.9                | 182.2 | 301.2 | 343.3 |
| Communist Countries              |                      |       |       |       |
| USSR and Eastern Europe.....     | 573                  | 790   | 1,060 | 1,200 |
| USSR <sup>3</sup> .....          | 364.0                | 504.0 | 730.0 | 825.0 |
| Eastern Europe.....              | 209                  | 286   | 332   | 371   |
| Bulgaria.....                    | 16.9                 | 65.8  | 76.1  | 84.0  |
| East Germany.....                | 4.0                  | 14.0  | 12.0  | 14.0  |
| Poland.....                      | 175.5                | 190.4 | 209.0 | 228.0 |
| Romania.....                     | 12.5                 | 15.4  | 35.0  | 45.0  |
| Far East                         |                      |       |       |       |
| North Korea.....                 | 55.0                 | 80.0  | 88.0  | N.A.  |
| Other                            |                      |       |       |       |
| Yugoslavia.....                  | 35.9                 | 46.1  | 65.0  | 48.6  |

<sup>1</sup> Data are for electrolytic and distilled (including redistilled) zinc produced from domestic and imported ores and scrap and other secondary materials.

<sup>2</sup> Including production from secondary smelters. Production of primary zinc in the United States was as follows (in metric tons): 1960, 725,300; 1965, 902,100; 1970, 796,500; and 1972, 636,800.

<sup>3</sup> Primary metal only, representing slightly less than 80 % of total production.

**Table 100**  
**Production of Titanium Sponge Metal <sup>1</sup>**

|                    | Metric Tons |                    |                     |                    |
|--------------------|-------------|--------------------|---------------------|--------------------|
|                    | 1960        | 1965               | 1970                | 1972               |
| United States..... | 4,818       | 8,100 <sup>2</sup> | 13,600 <sup>2</sup> | 9,000 <sup>2</sup> |
| Japan.....         | 2,300       | 4,000              | 9,200               | 4,600              |
| USSR.....          | 3,000*      | 12,000*            | 24,000*             | 28,000*            |

\*An asterisk indicates that the data are CONFIDENTIAL.

<sup>1</sup> Raw titanium in the form of sponge metal produced from rutile or ilmenite concentrates.

<sup>2</sup> Based on reports from various trade publications.

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Table 101

Smelter Production of Primary Tin Metal <sup>1</sup>

Thousand Metric Tons

|                                  | 1960             | 1965             | 1970  | 1972  |
|----------------------------------|------------------|------------------|-------|-------|
| OECD.....                        | 60.8             | 51.3             | 48.9  | 43.1  |
| United States <sup>2</sup> ..... | 13.7             | 3.1              | 4.5   | 4.0   |
| Australia.....                   | 2.3              | 3.2              | 5.2   | 7.0   |
| Spain.....                       | 0.5              | 1.8              | 3.9   | 4.0   |
| European Community.....          | 42.5             | 40.9             | 33.4  | 26.1  |
| Belgium.....                     | 8.4              | 4.3              | 4.3   | 3.9   |
| United Kingdom.....              | 26.8             | 16.8             | 22.0  | 21.3  |
| Other Countries                  |                  |                  |       |       |
| Bolivia.....                     | 1.0 <sup>3</sup> | 3.5 <sup>3</sup> | 0.3   | 6.7   |
| Brazil.....                      | 1.3              | 1.4              | 3.1   | 3.8   |
| Indonesia.....                   | 2.0              | 1.2              | 5.2   | 11.6  |
| Malaysia.....                    | 77.6             | 73.6             | 91.5  | 91.0  |
| Nigeria.....                     | ....             | 9.5              | 8.1   | 6.7   |
| Thailand.....                    | 0.2              | 5.6              | 22.0  | 22.6  |
| Communist Countries              |                  |                  |       |       |
| USSR and Eastern Europe.....     | 11.4*            | 15.2*            | 22.5* | 24.2* |
| USSR.....                        | 10.6*            | 14.0*            | 21.3* | 23.0* |
| Eastern Europe.....              | 0.8*             | 1.2              | 1.2   | 1.2   |
| East Germany.....                | 0.8*             | 1.2              | 1.2   | 1.2   |
| Far East                         |                  |                  |       |       |
| China.....                       | 28.0*            | 11.0*            | 10.0* | N.A.  |

\*An asterisk indicates that the data are CONFIDENTIAL.

<sup>1</sup> Excluding tin derived from scrap or detinning.<sup>2</sup> Estimated data based on imports of tin concentrates.<sup>3</sup> Exports.

Table 102

## Production of Primary Magnesium

Thousand Metric Tons

|                     | 1960  | 1965  | 1970  | 1972   |
|---------------------|-------|-------|-------|--------|
| OECD                |       |       |       |        |
| United States.....  | 36.4  | 73.8  | 101.6 | 113.4  |
| Canada.....         | 6.6   | 9.2   | 9.4   | 6.8    |
| Japan.....          | 2.1   | 3.8   | 10.3  | 10.0   |
| Norway.....         | 10.3  | 26.4  | 35.3  | 36.3   |
| European Community  |       |       |       |        |
| France.....         | 2.1   | 2.8   | 4.6   | 6.8    |
| Italy.....          | 5.4   | 6.3   | 7.6   | 8.2    |
| Communist Countries |       |       |       |        |
| USSR.....           | 25.0* | 66.5* | 94.0* | 100.0* |

\*An asterisk indicates that the data are CONFIDENTIAL.

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# CHEMICALS AND RUBBER

Table 103

Production of Mineral Fertilizer, Nutrient Content <sup>1</sup>

Thousand Metric Tons

|  | 1960   | 1965   | 1970   | 1972                |
|--|--------|--------|--------|---------------------|
| OECD <sup>2</sup> .....                | 22,100 | 33,600 | 43,000 | 44,900 <sup>3</sup> |
| United States.....                     | 7,410  | 11,933 | 15,789 | 16,709              |
| Canada.....                            | 496    | 2,545  | 4,465  | 5,324 <sup>3</sup>  |
| Japan.....                             | 1,544  | 2,203  | 2,770  | 2,806 <sup>3</sup>  |
| Spain.....                             | 674    | 1,043  | 1,604  | 1,729 <sup>3</sup>  |
| European Community.....                | 10,400 | 13,300 | 15,300 | 15,500 <sup>3</sup> |
| France.....                            | 3,021  | 4,161  | 4,644  | 4,698 <sup>3</sup>  |
| Italy.....                             | 1,110  | 1,590  | 1,621  | 1,710 <sup>3</sup>  |
| West Germany.....                      | 3,897  | 4,610  | 4,743  | 4,640 <sup>3</sup>  |
| Communist Countries <sup>4</sup> ..... |        |        |        |                     |
| USSR and Eastern Europe.....           | 6,510  | 12,000 | 20,800 | 24,200              |
| USSR <sup>5</sup> .....                | 3,281  | 7,389  | 13,099 | 15,935              |
| Eastern Europe.....                    | 3,230  | 4,630  | 7,680  | 8,280               |
| Bulgaria.....                          | 126    | 354    | 749    | 653                 |
| Czechoslovakia.....                    | 287    | 477    | 646    | 678                 |
| East Germany.....                      | 2,166  | 2,506  | 3,244  | 3,285               |
| Hungary.....                           | 102    | 265    | 517    | 555                 |
| Poland.....                            | 477    | 738    | 1,629  | 1,910               |
| Romania.....                           | 71     | 293    | 895    | 1,200               |
| Far East.....                          |        |        |        |                     |
| China.....                             | 495*   | 880*   | 1,975* | 2,919*              |
| North Korea.....                       | 127*   | 158*   | 320*   | 400*                |
| Other.....                             |        |        |        |                     |
| Yugoslavia.....                        | 50     | 226    | 364    | 407                 |

\*An asterisk indicates that the data are CONFIDENTIAL.

<sup>1</sup> Nitrogen fertilizer (in terms of nitrogen), phosphorus fertilizer (in terms of phosphoric anhydride), and potassium fertilizer (in terms of potassium oxide).

<sup>2</sup> Data are for "fertilizer years"—in general, the year beginning 1 July of the stated year.

<sup>3</sup> Data are for 1971.

<sup>4</sup> Data are for calendar years.

<sup>5</sup> Including some products used for non-fertilizer purposes.

Table 104

Production of Nitrogen Fertilizer, Nutrient Content

Thousand Metric Tons of N

|                                  | 1960  | 1965   | 1970   | 1972                |
|----------------------------------|-------|--------|--------|---------------------|
| OECD <sup>1</sup> .....          | 8,450 | 13,400 | 19,300 | 19,800 <sup>2</sup> |
| United States.....               | 2,739 | 5,081  | 8,161  | 8,420               |
| Canada.....                      | 286   | 377    | 726    | 760 <sup>2</sup>    |
| Japan.....                       | 1,030 | 1,615  | 2,105  | 2,121 <sup>2</sup>  |
| Spain.....                       | 110   | 323    | 592    | 673 <sup>2</sup>    |
| European Community.....          | 3,650 | 4,980  | 6,240  | 6,310 <sup>2</sup>  |
| Belgium.....                     | 278   | 310    | 594    | 613 <sup>2</sup>    |
| France.....                      | 671   | 1,066  | 1,351  | 1,401 <sup>2</sup>  |
| Italy.....                       | 658   | 905    | 956    | 1,034 <sup>2</sup>  |
| Netherlands.....                 | 417   | 562    | 930    | 1,004 <sup>2</sup>  |
| United Kingdom.....              | 449   | 666    | 748    | 773 <sup>2</sup>    |
| West Germany.....                | 1,180 | 1,419  | 1,505  | 1,321 <sup>2</sup>  |
| Communist Countries <sup>3</sup> |       |        |        |                     |
| USSR and Eastern Europe.....     | 1,910 | 4,250  | 8,770  | 10,300              |
| USSR.....                        | 1,003 | 2,712  | 5,423  | 6,572               |
| Eastern Europe.....              | 906   | 1,540  | 3,350  | 3,720               |
| Bulgaria.....                    | 86    | 260    | 602    | 523                 |
| Czechoslovakia.....              | 140   | 220    | 324    | 344                 |
| East Germany.....                | 334   | 348    | 395    | 417                 |
| Hungary.....                     | 57    | 148    | 350    | 374                 |
| Poland.....                      | 270   | 394    | 1,030  | 1,147               |
| Romania.....                     | 19    | 166    | 647    | 917                 |
| Far East                         |       |        |        |                     |
| China.....                       | 335*  | 600*   | 1,500* | 2,320*              |
| North Korea.....                 | 105*  | 115*   | 270*   | 330*                |
| Other                            |       |        |        |                     |
| Yugoslavia.....                  | 9     | 90     | 238    | 274                 |

\*An asterisk indicates that the data are CONFIDENTIAL.

<sup>1</sup> Data are for "fertilizer years"—in general, the year beginning 1 July of the stated year. Including some technical nitrogen and anhydrous ammonia exported for further processing.

<sup>2</sup> Data are for 1971.

<sup>3</sup> Data are for calendar years.



Table 105

Production of Phosphorus Fertilizer, Nutrient Content

Thousand Metric Tons of P<sub>2</sub>O<sub>5</sub>

|                                   | 1960  | 1965   | 1970   | 1972                |
|-----------------------------------|-------|--------|--------|---------------------|
| OECD <sup>1</sup> .....           | 7,740 | 11,000 | 13,400 | 14,100 <sup>2</sup> |
| United States.....                | 2,626 | 4,260  | 5,369  | 5,832               |
| Australia.....                    | 569   | 940    | 695    | 762 <sup>2</sup>    |
| Canada.....                       | 210   | 419    | 560    | 660 <sup>2</sup>    |
| Japan.....                        | 515   | 588    | 665    | 685 <sup>2</sup>    |
| Spain.....                        | 299   | 317    | 487    | 554 <sup>2</sup>    |
| European Community.....           | 3,100 | 3,940  | 4,800  | 4,800 <sup>2</sup>  |
| Belgium.....                      | 289   | 415    | 745    | 736 <sup>2</sup>    |
| France <sup>3 4</sup> .....       | 770   | 1,218  | 1,451  | 1,500 <sup>2</sup>  |
| Italy.....                        | 399   | 512    | 510    | 504 <sup>2</sup>    |
| West Germany.....                 | 750   | 857    | 946    | 943 <sup>2</sup>    |
| Communist Countries <sup>5</sup>  |       |        |        |                     |
| USSR and Eastern Europe.....      | 1,850 | 3,470  | 5,500  | 6,010               |
| USSR <sup>3</sup> .....           | 1,192 | 2,300  | 3,585  | 3,918               |
| Eastern Europe.....               | 658   | 1,170  | 1,910  | 2,090               |
| Bulgaria.....                     | 41    | 94     | 148    | 130                 |
| Czechoslovakia <sup>3</sup> ..... | 147   | 258    | 322    | 334                 |
| East Germany <sup>3</sup> .....   | 166   | 232    | 430    | 410                 |
| Hungary.....                      | 45    | 117    | 167    | 181                 |
| Poland.....                       | 207   | 344    | 599    | 763                 |
| Romania.....                      | 52    | 127    | 244    | 272                 |
| Far East                          |       |        |        |                     |
| China.....                        | 150*  | 280*   | 465*   | 579*                |
| North Korea.....                  | 22*   | 43*    | 50*    | 70*                 |
| Other                             |       |        |        |                     |
| Yugoslavia.....                   | 41    | 136    | 126    | 133                 |

\*An asterisk indicates that the data are CONFIDENTIAL.

<sup>1</sup> Data are for "fertilizer years"—in general, the year beginning 1 July of the stated year.

<sup>2</sup> Data are for 1971.

<sup>3</sup> Including production of ground phosphate rock for direct application and phosphate animal feeds.

<sup>4</sup> Beginning 1 May of the stated year.

<sup>5</sup> Data are for calendar years.

Table 106

**Production of Potassium Fertilizer, Nutrient Content**  
**Thousand Metric Tons of K<sub>2</sub>O**

|                                  | 1960  | 1965   | 1970   | 1972                |
|----------------------------------|-------|--------|--------|---------------------|
| OECD <sup>1</sup> .....          | 5,920 | 9,130  | 10,300 | 11,000 <sup>2</sup> |
| United States.....               | 2,045 | 2,592  | 2,259  | 2,457               |
| Canada.....                      | ....  | 1,749  | 3,179  | 3,904 <sup>2</sup>  |
| Spain.....                       | 265   | 404    | 525    | 502 <sup>2</sup>    |
| European Community.....          | 3,600 | 4,390  | 4,290  | 4,350 <sup>2</sup>  |
| France <sup>3</sup> .....        | 1,581 | 1,877  | 1,842  | 1,797 <sup>2</sup>  |
| West Germany <sup>4</sup> .....  | 1,967 | 2,335  | 2,293  | 2,376 <sup>2</sup>  |
| Communist Countries <sup>5</sup> |       |        |        |                     |
| USSR and Eastern Europe.....     | 2,750 | 4,290  | 6,510  | 7,910               |
| USSR.....                        | 1,084 | 2,368  | 4,087  | 5,445               |
| Eastern Europe.....              | 1,670 | 1,930  | 2,420  | 2,470               |
| East Germany.....                | 1,666 | 1,926  | 2,419  | 2,458               |
| Romania.....                     | ....  | ....   | 4      | 11                  |
| Far East                         |       |        |        |                     |
| China.....                       | 10*   | Negl.* | 10*    | 20*                 |

\*An asterisk indicates that the data are CONFIDENTIAL.

<sup>1</sup> Data are for "fertilizer years"—in general, the year beginning 1 July of the stated year. Including unidentified double counting of some products used for technical purposes (estimated at 4% to 5% of the total).

<sup>2</sup> Data are for 1971.

<sup>3</sup> Beginning 1 May of the stated year.

<sup>4</sup> Excluding technical potash.

<sup>5</sup> Data are for calendar years.

Table 107

Production of Sulfuric Acid <sup>1</sup>

Thousand Metric Tons

|                                  | 1960   | 1965   | 1970   | 1972   |
|----------------------------------|--------|--------|--------|--------|
| OECD.....                        | 38,700 | 51,300 | 62,000 | 64,100 |
| United States <sup>2</sup> ..... | 16,223 | 22,544 | 26,785 | 28,164 |
| Japan.....                       | 4,452  | 5,655  | 6,925  | 6,692  |
| European Community.....          | 12,700 | 15,800 | 18,400 | 18,600 |
| France.....                      | 2,046  | 2,916  | 3,682  | 4,032  |
| Italy.....                       | 2,299  | 2,979  | 3,330  | 3,072  |
| United Kingdom.....              | 2,745  | 3,358  | 3,348  | 3,456  |
| West Germany <sup>3</sup> .....  | 3,170  | 3,751  | 4,435  | 3,864  |
| Communist Countries              |        |        |        |        |
| USSR and Eastern Europe.....     | 7,890  | 12,800 | 18,100 | 20,800 |
| USSR.....                        | 5,398  | 8,518  | 12,059 | 13,700 |
| Eastern Europe.....              | 2,500  | 4,230  | 6,080  | 7,100  |
| Bulgaria.....                    | 123    | 318    | 503    | 514    |
| Czechoslovakia.....              | 553    | 933    | 1,110  | 1,189  |
| East Germany.....                | 730    | 985    | 1,099  | 1,045  |
| Hungary <sup>4</sup> .....       | 178    | 393    | 471    | 591    |
| Poland.....                      | 685    | 1,062  | 1,901  | 2,565  |
| Romania.....                     | 226    | 541    | 994    | 1,200  |
| Far East                         |        |        |        |        |
| China.....                       | 1,350  | 2,200* | N.A.   | N.A.   |
| Other                            |        |        |        |        |
| Cuba.....                        | 44     | 202    | 323    | N.A.   |
| Yugoslavia.....                  | 121    | 405    | 696    | 791    |

\*An asterisk indicates that the data are CONFIDENTIAL.

<sup>1</sup> Pure (monohydrate) sulfuric acid (100% H<sub>2</sub>SO<sub>4</sub>).

<sup>2</sup> Including appreciable amounts produced in government-owned privately operated plants.

<sup>3</sup> Including data for West Berlin.

<sup>4</sup> Including oleum.

Table 108

Production of Synthetic Ammonia <sup>1</sup>

Thousand Metric Tons of N

|                                  | 1960             | 1965   | 1970   | 1972   |
|----------------------------------|------------------|--------|--------|--------|
| OECD.....                        | 9,020            | 14,900 | 22,100 | 23,500 |
| United States <sup>2</sup> ..... | 3,595            | 6,500  | 10,315 | 10,672 |
| Canada.....                      | 465 <sup>3</sup> | 551    | 1,007  | N.A.   |
| Japan <sup>2</sup> .....         | 1,059            | 1,779  | 2,682  | 3,088  |
| European Community.....          | 3,420            | 5,030  | 6,580  | 7,200  |
| France.....                      | 724              | 1,281  | 1,619  | 1,800  |
| Italy.....                       | 724              | 1,035  | 1,277  | 1,600  |
| Netherlands.....                 | 410              | 661    | 1,340  | N.A.   |
| West Germany.....                | 1,242            | 1,659  | 1,821  | 1,900  |
| Communist Countries              |                  |        |        |        |
| USSR and Eastern Europe.....     | 2,150            | 4,970  | N.A.   | N.A.   |
| USSR.....                        | 1,138            | 3,137  | 6,282  | 7,649  |
| Eastern Europe.....              | 1,020            | 1,830  | N.A.   | N.A.   |
| Bulgaria.....                    | 111              | 338    | 788    | 710    |
| Czechoslovakia.....              | 130              | 226    | 329    | 344    |
| East Germany.....                | 393              | 439    | 481    | 456    |
| Hungary.....                     | 67               | 173    | 414    | 444    |
| Poland.....                      | 285              | 440    | 1,189  | 1,303  |
| Romania.....                     | 29               | 218    | N.A.   | N.A.   |
| Far East                         |                  |        |        |        |
| North Korea.....                 | 111*             | 120*   | 280*   | 360*   |
| Other                            |                  |        |        |        |
| Yugoslavia.....                  | 12               | 114    | 285    | N.A.   |

\*An asterisk indicates that the data are CONFIDENTIAL.

<sup>1</sup> Unless otherwise indicated, nitrogen content of synthetic ammonia.

<sup>2</sup> Synthetic anhydrous (commercial grade). To convert to actual production of synthetic ammonia, multiply by 1.2158.

<sup>3</sup> Data are for 1961.

Table 109

Production of Plastics in the US and the USSR

Thousand Metric Tons

|                                  | 1960  | 1965  | 1970  | 1972   |
|----------------------------------|-------|-------|-------|--------|
| United States <sup>1</sup> ..... | 2,851 | 5,300 | 8,714 | 10,977 |
| USSR.....                        | 312   | 803   | 1,673 | 2,035  |

<sup>1</sup> Dry basis, excluding water, solvents, and other liquid diluents.

Table 110

Production of Caustic Soda <sup>1</sup>

|                              | Thousand Metric Tons |        |        |        |
|------------------------------|----------------------|--------|--------|--------|
|                              | 1960                 | 1965   | 1970   | 1972   |
| OECD.....                    | 8,250                | 11,500 | 18,300 | 19,200 |
| United States.....           | 4,510                | 6,164  | 9,200  | 9,310  |
| Japan.....                   | 869                  | 1,344  | 2,685  | 2,988  |
| European Community.....      | 1,970                | 2,640  | 4,400  | 4,840  |
| France.....                  | 597                  | 663    | 1,094  | 1,240  |
| Italy.....                   | 429                  | 725    | 1,012  | 1,060  |
| West Germany.....            | 776                  | 1,178  | 1,680  | 1,932  |
| Communist Countries          |                      |        |        |        |
| USSR and Eastern Europe..... | 1,420                | 2,250  | 3,140  | N.A.   |
| USSR.....                    | 704                  | 1,199  | 1,783  | 1,899  |
| Eastern Europe.....          | 717                  | 1,050  | 1,360  | N.A.   |
| Bulgaria.....                | 17                   | 32     | 46     | 65     |
| Czechoslovakia.....          | 115                  | 158    | 189    | 210    |
| East Germany.....            | 327                  | 364    | 413    | 420    |
| Hungary <sup>2</sup> .....   | 17                   | 50     | 69     | 82     |
| Poland.....                  | 167                  | 215    | 313    | 335    |
| Romania.....                 | 74                   | 233    | 330    | N.A.   |
| Other                        |                      |        |        |        |
| Cuba.....                    | 2*                   | 2      | N.A.   | N.A.   |
| Yugoslavia.....              | 48                   | 88     | 93     | 95     |

\*An asterisk indicates that the data are CONFIDENTIAL.

<sup>1</sup> Pure caustic soda (100% NaOH), including tonnage not commercialized but used on the spot for processing.

<sup>2</sup> Including regenerated caustic soda.

Table 111

Production of Synthetic Rubber

|                                 | Thousand Metric Tons |       |        |        |
|---------------------------------|----------------------|-------|--------|--------|
|                                 | 1960                 | 1965  | 1970   | 1972   |
| OECD.....                       | 1,910                | 2,960 | 4,540  | 4,990  |
| United States.....              | 1,459                | 1,842 | 2,232  | 2,455  |
| Canada.....                     | 162                  | 206   | 205    | 195    |
| Japan.....                      | 23                   | 161   | 698    | 807    |
| European Community.....         | 269                  | 727   | 1,330  | 1,420  |
| France.....                     | 17                   | 148   | 316    | 366    |
| Italy.....                      | 67                   | 120   | 155    | 200    |
| Netherlands.....                | 12                   | 102   | 206    | 186    |
| United Kingdom.....             | 92                   | 175   | 306    | 307    |
| West Germany.....               | 81                   | 164   | 302    | 300    |
| Communist Countries             |                      |       |        |        |
| USSR and Eastern Europe.....    | 455*                 | 799*  | 1,210* | 1,410* |
| USSR.....                       | 347*                 | 604*  | 914*   | 1,060* |
| Eastern Europe.....             | 108*                 | 195   | 293    | 349    |
| Bulgaria.....                   | ....                 | ....  | 4      | 15     |
| Czechoslovakia.....             | 1*                   | 30    | 48     | 51     |
| East Germany <sup>1</sup> ..... | 87                   | 95    | 118    | 132    |
| Poland.....                     | 20                   | 39    | 62     | 78     |
| Romania.....                    | ....                 | 31    | 61     | 73     |

\*An asterisk indicates that the data are CONFIDENTIAL.

<sup>1</sup> Including Pervinan and Plastikator.

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Table 112

Production of Rubber Tires <sup>1</sup>

Thousand Units

|                                   | 1960    | 1965                | 1970    | 1972    |
|-----------------------------------|---------|---------------------|---------|---------|
| OECD                              |         |                     |         |         |
| United States.....                | 123,059 | 172,532             | 193,971 | 234,173 |
| Canada <sup>2</sup> .....         | 8,458   | 13,424              | 20,448  | 21,000  |
| Japan <sup>2</sup> .....          | 10,100  | 28,432              | 63,828  | 75,400  |
| European Community                |         |                     |         |         |
| France <sup>2</sup> .....         | 16,518  | 23,374              | 39,420  | 45,060  |
| Italy <sup>2</sup> .....          | N.A.    | 16,707 <sup>3</sup> | 22,383  | N.A.    |
| West Germany <sup>2</sup> .....   | 14,745  | 25,566              | 37,548  | 41,292  |
| Communist Countries               |         |                     |         |         |
| USSR and Eastern Europe.....      | 23,400  | 35,800              | 48,800  | N.A.    |
| USSR.....                         | 17,225  | 26,434              | 34,620  | 38,700  |
| Eastern Europe.....               | 6,130   | 9,390               | 14,100  | N.A.    |
| Bulgaria.....                     | 196     | 349                 | 550     | 823     |
| Czechoslovakia <sup>4</sup> ..... | 1,324   | 1,792               | 2,778   | 3,910   |
| East Germany <sup>5</sup> .....   | 2,714   | 3,750               | 4,692   | 5,191   |
| Hungary <sup>2</sup> .....        | 336     | 581                 | 665     | 731     |
| Poland <sup>6</sup> .....         | 1,223   | 1,697               | 2,995   | 3,100   |
| Romania <sup>7</sup> .....        | 337     | 1,222               | 2,457   | N.A.    |
| Other                             |         |                     |         |         |
| Cuba.....                         | 343     | 197                 | 216     | N.A.    |
| Yugoslavia <sup>8</sup> .....     | 391     | 955                 | 2,762   | 3,756   |

<sup>1</sup> Unless otherwise indicated, data are for all motor vehicle tires, excluding aircraft and bicycle tires.

<sup>2</sup> Excluding motorcycle tires.

<sup>3</sup> Data are for 1966.

<sup>4</sup> Excluding motorcycle and bus tires.

<sup>5</sup> Including solid rubber tires.

<sup>6</sup> Excluding motorcycle, tractor, and agricultural tires.

<sup>7</sup> Including aircraft tires.

<sup>8</sup> Automobile, motorcycle, and aircraft tires only.

Table 113

## Production of Natural Rubber

Thousand Metric Tons

|                              | 1960  | 1965  | 1970    | 1972    |
|------------------------------|-------|-------|---------|---------|
| India.....                   | 25.2  | 49.4  | 89.9    | 107.0   |
| Indonesia <sup>1</sup> ..... | 620.3 | 716.5 | 809.2   | 845.0   |
| Malaysia <sup>2</sup> .....  | 755.7 | 917.0 | 1,269.2 | 1,324.9 |
| Sri Lanka.....               | 98.8  | 118.3 | 159.2   | 140.4   |
| Thailand <sup>1</sup> .....  | 170.8 | 216.4 | 287.2   | 336.1   |

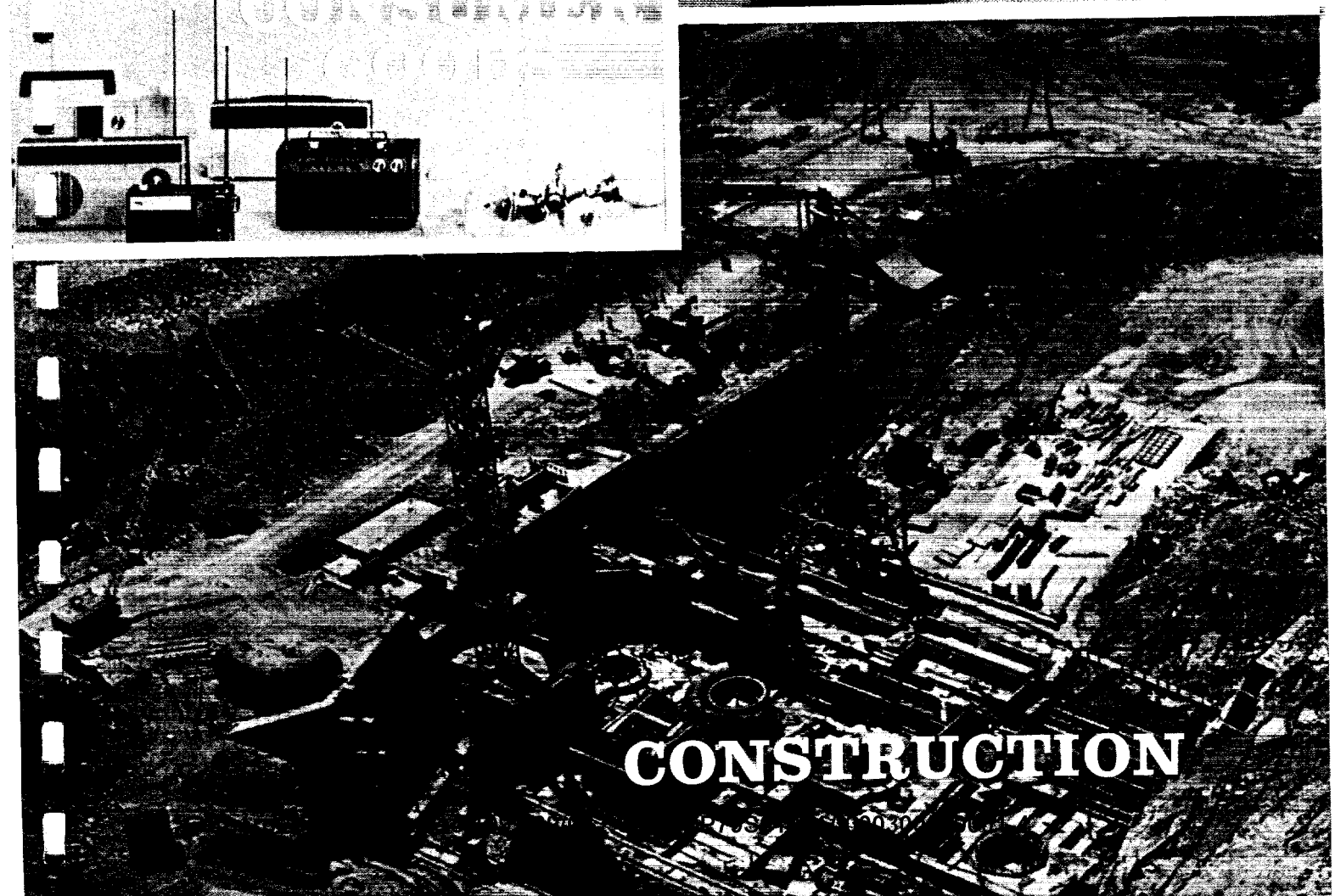
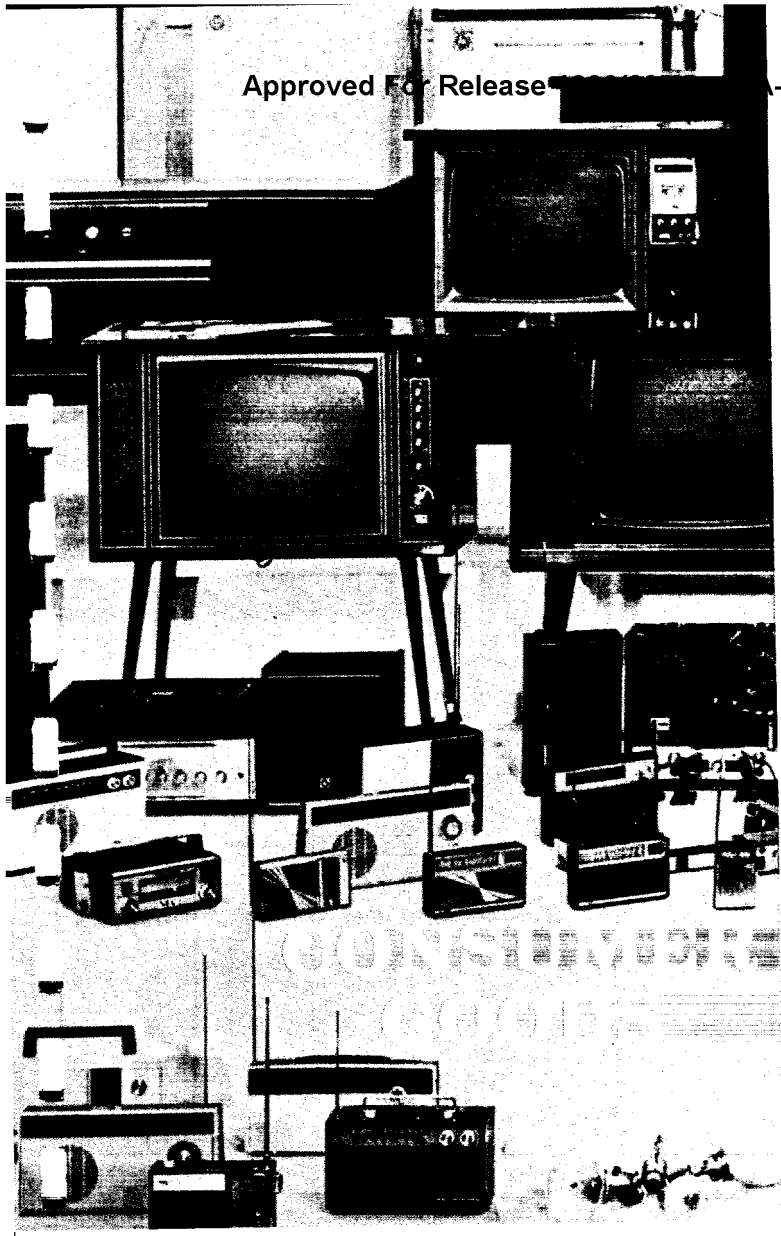
<sup>1</sup> Exports plus estimated consumption.

<sup>2</sup> Including data for Malaya and Singapore, Sarawak, and Sabah.

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Table 114

## Production of Passenger Automobiles

|                                  | Thousand Units |         |         |         |
|----------------------------------|----------------|---------|---------|---------|
|                                  | 1960           | 1965    | 1970    | 1972    |
| OECD.....                        | 12,400         | 18,500  | 21,400  | 25,800  |
| United States <sup>1</sup> ..... | 6,674.8        | 9,305.6 | 6,546.8 | 8,823.9 |
| Canada.....                      | 325.8          | 710.7   | 940.4   | 1,154.5 |
| Japan.....                       | 165.1          | 696.2   | 3,178.7 | 4,022.3 |
| European Community.....          | 4,920          | 7,130   | 9,660   | 10,500  |
| France.....                      | 1,135.6        | 1,374.0 | 2,457.6 | 2,992.8 |
| Italy <sup>2</sup> .....         | 595.9          | 1,103.9 | 1,719.7 | 1,732.8 |
| United Kingdom.....              | 1,352.7        | 1,722.0 | 1,640.4 | 1,891.3 |
| West Germany.....                | 1,816.8        | 2,733.7 | 3,528.0 | 3,516.0 |
| Communist Countries              |                |         |         |         |
| USSR and Eastern Europe.....     | 273            | 411     | 710     | 1,140   |
| USSR.....                        | 138.8          | 201.2   | 344.2   | 730.1   |
| Eastern Europe.....              | 134            | 210     | 366     | 411     |
| Bulgaria.....                    | ....           | ....    | 7.8     | 8.0     |
| Czechoslovakia.....              | 56.2           | 77.7    | 142.9   | 154.4   |
| East Germany.....                | 64.1           | 102.9   | 126.6   | 140.0   |
| Poland.....                      | 12.9           | 25.5    | 65.2    | 80.9    |
| Romania <sup>3</sup> .....       | 1.2            | 3.7     | 23.6    | 28.0    |
| Other                            |                |         |         |         |
| Yugoslavia <sup>4</sup> .....    | 10.5           | 35.9    | 110.7   | 110.2   |

<sup>1</sup> Factory sales.<sup>2</sup> Excluding production for the armed forces.<sup>3</sup> Including jeeps.<sup>4</sup> Including vehicles assembled from imported parts.

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Table 115

Production of Trucks and Buses <sup>1</sup>

Thousand Units

|                                   | 1960    | 1965    | 1970    | 1972    |
|-----------------------------------|---------|---------|---------|---------|
| OECD <sup>2</sup>                 |         |         |         |         |
| United States <sup>3</sup> .....  | 1,194.5 | 1,751.8 | 1,692.4 | 2,446.8 |
| Canada.....                       | 72.0    | 144.8   | 253.2   | 319.8   |
| Japan.....                        | 595.2   | 1,222.4 | 2,124.5 | 2,274.5 |
| European Community                |         |         |         |         |
| France.....                       | 233.6   | 242.4   | 291.6   | 328.8   |
| Italy <sup>4</sup> .....          | 48.9    | 71.6    | 134.5   | 106.5   |
| United Kingdom.....               | 458.0   | 455.2   | 457.5   | 408.1   |
| West Germany.....                 | 237.9   | 242.8   | 314.4   | 291.8   |
| Communist Countries               |         |         |         |         |
| USSR and Eastern Europe.....      | 456     | 510     | 735     | 828     |
| USSR.....                         | 384.8   | 415.1   | 571.9   | 648.7   |
| Eastern Europe.....               | 71.0    | 94.5    | 163     | 179     |
| Bulgaria.....                     | .....   | .....   | 3.2     | 4.2     |
| Czechoslovakia <sup>5</sup> ..... | 19.1    | 19.1    | 27.1    | 30.2    |
| East Germany.....                 | 13.3    | 15.7    | 26.8    | 29.3    |
| Hungary <sup>5</sup> .....        | 4.4     | 6.3     | 9.8     | 9.8     |
| Poland <sup>5</sup> .....         | 23.3    | 34.3    | 52.7    | 60.0    |
| Romania.....                      | 10.9    | 19.1    | 43.3    | 45.7    |
| Far East                          |         |         |         |         |
| China <sup>6</sup> .....          | 15      | 34      | 70      | 100     |
| North Korea.....                  | 3.1     | 4.5*    | 9.5*    | 11.6*   |
| Other                             |         |         |         |         |
| Yugoslavia.....                   | 5.5     | 11.9    | 16.2    | 20.0    |

\*An asterisk indicates that the data are CONFIDENTIAL.

<sup>1</sup> Unless otherwise indicated, data are for light and heavy trucks, wheeled tractors for road haulage, special vehicles, and buses.

<sup>2</sup> Data include complete units exported for assembly.

<sup>3</sup> Factory sales.

<sup>4</sup> Excluding production for the armed forces.

<sup>5</sup> Excluding wheeled tractors.

<sup>6</sup> Excluding buses, jeeps, and three-wheel trucks.

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Table 116

## Production of Television Receivers

Thousand Units

|                              | 1960  | 1965   | 1970   | 1972               |
|------------------------------|-------|--------|--------|--------------------|
| OECD                         |       |        |        |                    |
| United States.....           | 5,828 | 11,028 | 9,483  | 13,507             |
| Japan.....                   | 3,578 | 4,190  | 13,782 | 14,300             |
| European Community           |       |        |        |                    |
| France.....                  | 655   | 1,250  | 1,512  | 1,648              |
| Italy.....                   | 728   | 1,042  | 2,028  | 1,580              |
| United Kingdom.....          | 2,141 | 1,591  | 2,214  | 3,000              |
| West Germany.....            | 2,164 | 2,776  | 2,908  | 2,539 <sup>1</sup> |
| Communist Countries          |       |        |        |                    |
| USSR and Eastern Europe..... | 2,720 | 5,360  | 8,900  | 8,170              |
| USSR.....                    | 1,726 | 3,655  | 6,682  | 5,968              |
| Eastern Europe.....          | 989   | 1,700  | 2,220  | 2,200              |
| Bulgaria.....                | Negl. | 74     | 193    | 102                |
| Czechoslovakia.....          | 263   | 274    | 383    | 268                |
| East Germany.....            | 416   | 537    | 380    | 430                |
| Hungary.....                 | 139   | 267    | 364    | 350                |
| Poland.....                  | 171   | 452    | 616    | 730                |
| Romania.....                 | Negl. | 101    | 280    | 324                |
| Far East                     |       |        |        |                    |
| China.....                   | 2*    | 16*    | 60*    | 90*                |
| Other                        |       |        |        |                    |
| Yugoslavia.....              | 14    | 254    | 320    | 350                |

\*An asterisk indicates that the data are CONFIDENTIAL.

<sup>1</sup> Data are for 1971.

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Table 117

Production of Radio Receivers <sup>1</sup>

Thousand Units

|                                  | 1960   | 1965   | 1970   | 1972               |
|----------------------------------|--------|--------|--------|--------------------|
| OECD                             |        |        |        |                    |
| United States <sup>2</sup> ..... | 17,969 | 25,731 | 17,781 | 21,311             |
| Canada <sup>3</sup> .....        | 696    | 931    | 2,004  | 2,314              |
| Japan.....                       | 12,851 | 22,937 | 32,618 | 76,833             |
| European Community               |        |        |        |                    |
| Belgium.....                     | 1,103  | 1,240  | 1,920  | 1,550 <sup>4</sup> |
| France.....                      | 2,214  | 2,298  | 2,922  | 2,873              |
| Italy.....                       | 935    | 1,195  | 3,300  | 2,986 <sup>4</sup> |
| United Kingdom.....              | 2,504  | 1,912  | 1,312  | 1,587 <sup>4</sup> |
| West Germany.....                | 4,313  | 4,071  | 6,627  | 5,422 <sup>4</sup> |
| Communist Countries              |        |        |        |                    |
| USSR and Eastern Europe.....     | 6,410  | 7,570  | 10,800 | 12,000             |
| USSR.....                        | 4,165  | 5,160  | 7,815  | 8,842              |
| Eastern Europe.....              | 2,240  | 2,410  | 3,020  | 3,130              |
| Bulgaria.....                    | 157    | 130    | 145    | 141                |
| Czechoslovakia.....              | 270    | 298    | 416    | 249                |
| East Germany.....                | 810    | 808    | 807    | 1,041              |
| Hungary.....                     | 212    | 228    | 206    | 193                |
| Poland.....                      | 627    | 624    | 987    | 981                |
| Romania.....                     | 167    | 323    | 455    | 527                |
| Far East                         |        |        |        |                    |
| China.....                       | 1,500  | 1,500* | N.A.   | 2,000*             |
| Other                            |        |        |        |                    |
| Yugoslavia.....                  | 244    | 504    | 277    | 146                |

\*An asterisk indicates that the data are CONFIDENTIAL.

<sup>1</sup> Civilian radio receivers and radio-phonograph combinations.

<sup>2</sup> Data for radio-phonograph combinations are factory sales.

<sup>3</sup> Receiving sets for home use only.

<sup>4</sup> Data are for 1971.

Table 118

Production of Footwear <sup>1</sup>

Million Pairs

|                     | 1960              | 1965               | 1970  | 1972  |
|---------------------|-------------------|--------------------|-------|-------|
| OECD                |                   |                    |       |       |
| United States.....  | 600.0             | 629.1              | 562.3 | 525.7 |
| Italy.....          | 80.0 <sup>2</sup> | 176.0 <sup>3</sup> | 269.5 | 275.5 |
| Communist Countries |                   |                    |       |       |
| USSR.....           | 419.3             | 486.0              | 675.7 | 645.0 |

<sup>1</sup> Leather shoes and slippers.

<sup>2</sup> Data are for 1961.

<sup>3</sup> Data are for 1966.

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Table 119  
Production of Woven Cotton Fabrics <sup>1</sup>

|                                   | Unit of Measure            | 1960  | 1965  | 1970  | 1972  |
|-----------------------------------|----------------------------|-------|-------|-------|-------|
| OECD                              |                            |       |       |       |       |
| United States.....                | Million linear meters..... | 8,564 | 8,469 | 5,848 | 5,249 |
| Japan <sup>2</sup> .....          | Million square meters..... | 3,221 | 3,013 | 2,616 | 2,256 |
| Spain.....                        | Thousand metric tons.....  | 93    | 109   | 90    | 88    |
| Turkey <sup>3</sup> .....         | Million linear meters..... | 384   | 781   | 815   | 850   |
| European Community                |                            |       |       |       |       |
| France.....                       | Thousand metric tons.....  | 249   | 210   | 197   | 222   |
| Italy.....                        | Thousand metric tons.....  | 139   | 103   | 128   | 125   |
| United Kingdom <sup>3</sup> ..... | Million linear meters..... | 1,183 | 928   | 628   | 490   |
| West Germany <sup>2</sup> .....   | Thousand metric tons.....  | 289   | 206   | 182   | 188   |
| Other Countries                   |                            |       |       |       |       |
| India <sup>4</sup> .....          | Million linear meters..... | 6,629 | 7,643 | 7,620 | 7,975 |
| Pakistan <sup>3 5</sup> .....     | Million linear meters..... | 575   | 658   | 720   | N.A.  |
| Communist Countries               |                            |       |       |       |       |
| USSR <sup>2 3</sup> .....         | Million square meters..... | 4,838 | 5,499 | 6,152 | 6,419 |
| Eastern Europe                    |                            |       |       |       |       |
| Bulgaria <sup>2</sup> .....       | Million linear meters..... | 218   | 291   | 319   | 322   |
| Czechoslovakia.....               | Million linear meters..... | 464   | 500   | 528   | 603   |
| East Germany.....                 | Million square meters..... | 254   | 244   | 248   | N.A.  |
| Hungary <sup>2</sup> .....        | Million square meters..... | 225   | 305   | 258   | 275   |
| Poland <sup>2</sup> .....         | Million linear meters..... | 667   | 811   | 881   | 901   |
| Romania <sup>2</sup> .....        | Million square meters..... | 248   | 319   | 437   | N.A.  |
| Far East                          |                            |       |       |       |       |
| China.....                        | Million linear meters..... | 5,800 | 5,400 | 7,500 | 7,500 |
| Other                             |                            |       |       |       |       |
| Yugoslavia.....                   | Million square meters..... | 257   | 394   | 390   | 374   |

<sup>1</sup> Unless otherwise indicated, data are for fabrics, in the piece, before undergoing finishing processes such as bleaching, dyeing, and making up.

<sup>2</sup> Fabrics after undergoing finishing processes.

<sup>3</sup> Excluding mixed fabrics.

<sup>4</sup> Mill and decentralized sector production.

<sup>5</sup> Mill production only. Data include finished fabrics.

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Table 120  
Production of Woven Woolen Fabrics <sup>1</sup>

|                                   | Unit of Measure            | 1960 | 1965 | 1970            | 1972            |
|-----------------------------------|----------------------------|------|------|-----------------|-----------------|
| OECD                              |                            |      |      |                 |                 |
| United States.....                | Million linear meters..... | 262  | 244  | 163             | 94              |
| Australia <sup>2</sup> .....      | Million square meters..... | 25   | 20   | 21 <sup>3</sup> | 14 <sup>3</sup> |
| Canada <sup>4 5</sup> .....       | Million linear meters..... | 14   | 15   | 12              | 11              |
| Japan <sup>6</sup> .....          | Million square meters..... | 316  | 341  | 426             | 544             |
| Spain.....                        | Thousand metric tons.....  | 17   | 22   | 33              | 37              |
| Turkey <sup>7</sup> .....         | Million linear meters..... | 10   | 24   | 23              | 26              |
| European Community                |                            |      |      |                 |                 |
| Belgium.....                      | Thousand metric tons.....  | 29   | 38   | 39              | 44              |
| France.....                       | Thousand metric tons.....  | 72   | 60   | 64              | 68 <sup>4</sup> |
| Italy.....                        | Thousand metric tons.....  | 82   | 52   | 100             | 120             |
| Netherlands.....                  | Million square meters..... | 68   | 67   | N.A.            | N.A.            |
| United Kingdom <sup>4</sup> ..... | Million square meters..... | 307  | 270  | 215             | 184             |
| West Germany <sup>4</sup> .....   | Thousand metric tons.....  | 68   | 55   | 48              | 55              |
| Other Countries                   |                            |      |      |                 |                 |
| India <sup>8</sup> .....          | Million linear meters..... | 8    | 10   | 13              | 11 <sup>9</sup> |
| Communist Countries               |                            |      |      |                 |                 |
| USSR <sup>4 7</sup> .....         | Million square meters..... | 439  | 466  | 643             | 681             |
| Eastern Europe                    |                            |      |      |                 |                 |
| Bulgaria <sup>4</sup> .....       | Million linear meters..... | 19   | 20   | 27              | 29              |
| Czechoslovakia.....               | Million linear meters..... | 46   | 44   | 49              | 55              |
| East Germany.....                 | Million square meters..... | 48   | 38   | 35              | 36 <sup>9</sup> |
| Hungary <sup>4</sup> .....        | Million square meters..... | 27   | 29   | 27              | 24              |
| Poland <sup>4</sup> .....         | Million linear meters..... | 79   | 91   | 99              | 100             |
| Romania <sup>4</sup> .....        | Million square meters..... | 32   | 41   | 63              | 70 <sup>9</sup> |
| Other                             |                            |      |      |                 |                 |
| Yugoslavia.....                   | Million square meters..... | 46   | 54   | 42              | 59              |

<sup>1</sup> Unless otherwise indicated, data are for woven woolen and worsted fabrics (in the piece, before undergoing finishing processes such as bleaching, dyeing, and making up) and for mixed woolen fabrics.

<sup>2</sup> Twelve months ending 30 June of the stated year.

<sup>3</sup> Excluding worsted fabrics.

<sup>4</sup> Fabrics after undergoing finishing processes.

<sup>5</sup> Factory shipments.

<sup>6</sup> Including finished fabrics.

<sup>7</sup> Excluding mixed fabrics.

<sup>8</sup> Wearable fabrics produced in the mill sector only.

<sup>9</sup> Data are for 1971.

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Table 121  
Production of Woven Rayon and Acetate Fabrics <sup>1</sup>

|                                   | Unit of Measure            | 1960  | 1965  | 1970  | 1972             |
|-----------------------------------|----------------------------|-------|-------|-------|------------------|
| OECD                              |                            |       |       |       |                  |
| United States.....                | Million linear meters..... | 1,312 | 1,650 | 1,231 | 1,134            |
| Australia <sup>2 3</sup> .....    | Million square meters..... | 15    | 27    | 29    | 21               |
| Japan <sup>3</sup> .....          | Million square meters..... | 1,828 | 1,653 | 1,548 | 1,272            |
| European Community                |                            |       |       |       |                  |
| Belgium.....                      | Thousand metric tons.....  | 10    | 17    | 26    | 33               |
| France <sup>4 5</sup> .....       | Thousand metric tons.....  | 30    | 32    | 43    | 48               |
| Italy.....                        | Thousand metric tons.....  | 24    | 19    | 12    | N.A.             |
| United Kingdom <sup>4</sup> ..... | Million linear meters..... | 564   | 572   | 485   | 451              |
| West Germany.....                 | Thousand metric tons.....  | N.A.  | 116   | 97    | 87               |
| Other Countries                   |                            |       |       |       |                  |
| India <sup>4</sup> .....          | Million linear meters..... | 550   | 870   | 934   | 973 <sup>6</sup> |
| Communist Countries               |                            |       |       |       |                  |
| USSR <sup>4 7</sup> .....         | Million square meters..... | 628   | 769   | 1,112 | 1,232            |
| Eastern Europe                    |                            |       |       |       |                  |
| Bulgaria <sup>4 5 7</sup> .....   | Million linear meters..... | 11    | 15    | 21    | 27               |
| Czechoslovakia.....               | Million linear meters..... | 58    | 59    | 86    | N.A.             |
| East Germany.....                 | Million square meters..... | 57    | 55    | 66    | 65 <sup>6</sup>  |
| Hungary <sup>7</sup> .....        | Million square meters..... | 25    | 32    | 46    | 45               |
| Poland <sup>7</sup> .....         | Million linear meters..... | 103   | 103   | 116   | 114 <sup>6</sup> |
| Romania <sup>7</sup> .....        | Million square meters..... | 22    | 26    | 36    | 41 <sup>6</sup>  |
| Other                             |                            |       |       |       |                  |
| Yugoslavia <sup>4</sup> .....     | Million square meters..... | 19    | 24    | 29    | 36               |

<sup>1</sup> Unless otherwise indicated, data are for pure and mixed fabrics, in the piece, before undergoing finishing processes such as bleaching, dyeing, and making up.

<sup>2</sup> Twelve months ending 30 June of the stated year.

<sup>3</sup> Including finished fabrics.

<sup>4</sup> Including fabrics of noncellulosic fibers.

<sup>5</sup> Including fabrics of natural silk.

<sup>6</sup> Data are for 1971.

<sup>7</sup> Fabrics after undergoing finishing processes.

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Table 122

Production of Synthetic Fibers <sup>1</sup>

Thousand Metric Tons

|                              | 1960              | 1965               | 1970               | 1972               |
|------------------------------|-------------------|--------------------|--------------------|--------------------|
| OECD                         |                   |                    |                    |                    |
| United States.....           | 307.2             | 806.0              | 1,626.7            | 2,429.3            |
| Canada.....                  | 17.0              | 37.5               | 73.0               | N.A.               |
| Japan.....                   | 118.3             | 379.6              | 1,028.0            | 1,117.2            |
| Spain.....                   | 3.1               | 14.8               | 63.5               | 107.4              |
| European Community.....      | 204               | 581                | 1,370              | N.A.               |
| France.....                  | 45.3              | 87.1               | 175.2              | 234.3              |
| Italy.....                   | 33.7              | 110.7              | 251.4              | 319.4              |
| Netherlands.....             | 9.1               | 44.2               | 90.0               | N.A.               |
| United Kingdom.....          | 61.0 <sup>2</sup> | 148.0 <sup>2</sup> | 336.9              | 361.4              |
| West Germany.....            | 52.3              | 179.3 <sup>3</sup> | 497.0 <sup>3</sup> | 617.2 <sup>3</sup> |
| Communist Countries          |                   |                    |                    |                    |
| USSR and Eastern Europe..... | 35.1              | 136                | 361                | N.A.               |
| USSR.....                    | 15.0              | 77.5               | 166.5              | N.A.               |
| Eastern Europe.....          | 20.1              | 58.4               | 195                | N.A.               |
| Bulgaria.....                | ....              | ....               | 23.1               | 35.0               |
| Czechoslovakia.....          | 3.0               | 9.6                | 31.5               | 47.0               |
| East Germany.....            | 7.8               | 18.9               | 47.6               | 69.6               |
| Hungary.....                 | 0.4               | 2.3                | 5.6                | 6.6                |
| Poland.....                  | 8.0               | 24.3               | 57.5               | 74.0               |
| Romania.....                 | 0.9               | 3.3                | 29.5               | N.A.               |
| Other                        |                   |                    |                    |                    |
| Yugoslavia.....              | N.A.              | N.A.               | 8.7                | 13.1               |

<sup>1</sup> Data are for noncellulosic fibers either made of natural polymers, which are based on materials such as casein or groundnuts, or made of synthetic polymers, which are based mostly on coal or petroleum. Data exclude waste, glass fibers, and rubber fibers.

<sup>2</sup> "Delivery weight," approximately 3% less than "actual weight."

<sup>3</sup> Including data for West Berlin.

Table 123

Production of Electric Motors <sup>1</sup>

Thousand Kilowatts

|                         | 1960   | 1965   | 1970   | 1972               |
|-------------------------|--------|--------|--------|--------------------|
| Communist Countries     |        |        |        |                    |
| USSR <sup>2</sup> ..... | 17,597 | 26,890 | 33,319 | 36,500             |
| Bulgaria.....           | 919    | 2,864  | 4,194  | 4,165              |
| Czechoslovakia.....     | 2,952  | 4,176  | 3,913  | 4,398 <sup>3</sup> |
| Poland.....             | 2,362  | 4,486  | 7,429  | 8,468              |
| Romania.....            | 559    | 1,255  | 2,894  | 3,397 <sup>3</sup> |

<sup>1</sup> Unless otherwise indicated, data are for alternating and direct current motors.

<sup>2</sup> Alternating current motors of 0.25 kilowatt and over.

<sup>3</sup> Data are for 1971.

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Table 124

Production of Metalcutting Machine Tools <sup>1</sup>

|                              | Thousand Units |        |        |        |
|------------------------------|----------------|--------|--------|--------|
|                              | 1960           | 1965   | 1970   | 1972   |
| United States.....           | 42.91          | 68.01  | 49.31  | 41.59  |
| Communist Countries          |                |        |        |        |
| USSR and Eastern Europe..... | 246            | 286    | 321    | 346    |
| USSR.....                    | 155.92         | 186.13 | 202.26 | 210.00 |
| Eastern Europe.....          | 89.8           | 99.8   | 119    | 136    |
| Bulgaria.....                | 3.15           | 8.06   | 13.94  | 17.34  |
| Czechoslovakia.....          | 30.23          | 24.33  | 35.19  | 42.30  |
| East Germany.....            | 22.07          | 19.71  | 16.53  | 14.00  |
| Hungary.....                 | 7.40           | 9.40   | 9.50   | 9.52   |
| Poland.....                  | 22.50          | 31.10  | 29.73  | 36.60  |
| Romania.....                 | 4.44           | 7.16   | 14.14  | 15.80  |
| Far East                     |                |        |        |        |
| North Korea.....             | 2.9            | 4.0    | 10.4   | N.A.   |
| North Vietnam.....           | 0.65           | 0.50   | N.A.   | N.A.   |

<sup>1</sup> Power-driven metalcutting machines that are not portable by hand and are used to remove metal in the form of chips; these machines include lathes and planers, and milling, honing, lapping, grinding, electroerosion, and ultrasonic cutting machines.

Table 125

Production of Metalforming Machine Tools <sup>1</sup>

|                                  | Thousand Units |      |                   |                   |
|----------------------------------|----------------|------|-------------------|-------------------|
|                                  | 1960           | 1965 | 1970              | 1972              |
| United States <sup>2</sup> ..... | 31.3           | 44.0 | 58.3 <sup>3</sup> | 53.2 <sup>3</sup> |
| USSR.....                        | 29.9           | 34.6 | 41.3              | 43.9              |

<sup>1</sup> Power-driven metalforming machine tools that are not supported in the hands of an operator when in use and are designed to press, forge, emboss, hammer, extrude, blank, spin, shear, and bend metal into shape.

<sup>2</sup> Unless otherwise indicated, data exclude manually operated bending and forming machines, spinning lathes, and riveting, canmaking, diecasting, wire-weaving, wiredrawing, knurling, and marking machines, which usually are included in the definition of metalforming machine tools by the US Department of Commerce.

<sup>3</sup> Including manually operated bending and forming machines for which separate data are not available.



Table 126

Production of Electric Generators <sup>1</sup>

Thousand Kilowatts

|                                   | 1960   | 1965   | 1970   | 1972               |
|-----------------------------------|--------|--------|--------|--------------------|
| United States <sup>2</sup> .....  | 12,899 | 15,451 | 27,565 | 44,199             |
| Communist Countries               |        |        |        |                    |
| USSR.....                         | 7,915  | 14,390 | 10,578 | 13,700             |
| Bulgaria.....                     | 29     | 13     | 37     | 104 <sup>3</sup>   |
| Czechoslovakia <sup>4</sup> ..... | 1,391  | 888    | 1,488  | 1,646 <sup>3</sup> |
| Hungary <sup>4</sup> .....        | 347    | 416    | 590    | 263 <sup>3</sup>   |
| Romania.....                      | 83     | 295    | 747    | 523 <sup>3</sup>   |

<sup>1</sup> Turbogenerators and hydrogenerators. Production of diesel generators is believed to be negligible in most instances.

<sup>2</sup> Shipments of units of 4,000 kilowatts and larger.

<sup>3</sup> Data are for 1971.

<sup>4</sup> Generators for steam and gas turbines only.

Table 127

Production of Turbines <sup>1</sup>

Thousand Kilowatts

|                                  | 1960   | 1965   | 1970   | 1972               |
|----------------------------------|--------|--------|--------|--------------------|
| OECD                             |        |        |        |                    |
| United States <sup>2</sup> ..... | 12,899 | 15,451 | 27,565 | 44,199             |
| Japan.....                       | 1,949  | 4,717  | 16,603 | 15,865             |
| Communist Countries              |        |        |        |                    |
| USSR <sup>3</sup> .....          | 9,200  | 14,625 | 16,191 | 14,600             |
| Czechoslovakia.....              | 1,555  | 1,994  | 2,239  | 1,463 <sup>4</sup> |
| Poland <sup>5</sup> .....        | 186    | 471    | 1,135  | 1,192 <sup>4</sup> |
| Romania <sup>6</sup> .....       | 98     | 27     | 121    | 24 <sup>4</sup>    |

<sup>1</sup> Unless otherwise indicated, data are for steam and hydraulic turbines. Most production of turbines is for use in matched sets with generators for production of electric power. In addition, turbines are produced in single units for many purposes, including direct industrial drives, marine propulsion, and pipeline transmission.

<sup>2</sup> Shipments of units of 4,000 kilowatts and larger. Data are available only for turbines produced as integral units together with generators. Therefore, data for turbines and generators for the United States are assumed to be the same. Some turbines are produced in single units but no data are available on this production.

<sup>3</sup> Including a small number of gas turbines.

<sup>4</sup> Data are for 1971.

<sup>5</sup> Steam turbines only.

<sup>6</sup> Steam turbines of more than 500 kilowatts only.

Table 128

Production of Digital Computers <sup>1</sup>

|                     | Units |       |        |        |
|---------------------|-------|-------|--------|--------|
|                     | 1960  | 1965  | 1970   | 1972   |
| OECD                |       |       |        |        |
| United States.....  | 1,200 | 7,000 | 18,000 | 24,000 |
| Japan.....          | 30    | 320   | 1,000  | 2,900  |
| European Community  |       |       |        |        |
| France.....         | N.A.  | 200   | 700    | 960    |
| United Kingdom..... | 70    | 200   | 500    | 540    |
| West Germany.....   | N.A.  | N.A.  | 500    | 690    |
| Communist Countries |       |       |        |        |
| USSR.....           | 280*  | 470*  | 800*   | 1,300* |
| Eastern Europe      |       |       |        |        |
| Czechoslovakia..... | ....  | ....  | 30*    | 50*    |
| East Germany.....   | 15*   | ....  | 100*   | 100*   |
| Poland.....         | ....  | 20*   | 60*    | 80*    |
| Far East            |       |       |        |        |
| China.....          | 5*    | 35*   | 40*    | 60*    |

\*An asterisk indicates that the data are CONFIDENTIAL.

<sup>1</sup> Estimates of this Office based on fragmentary market surveys and installations reports. No attempt has been made to standardize these units in terms of either value or computational capability. Total production of digital computers through 1972, including years not mentioned above, is as follows (in units): the United States, 154,000; France, 4,860; the United Kingdom, 4,540; West Germany, 3,690; Japan, 10,600; the USSR, 8,300; Czechoslovakia, 180; East Germany, 430; Poland, 550; and China, 405.

Table 129

Total Housing Construction <sup>1</sup>

|                                  | Thousand Square Meters |                  |         |                     |
|----------------------------------|------------------------|------------------|---------|---------------------|
|                                  | 1960                   | 1965             | 1970    | 1972                |
| United States <sup>2</sup> ..... | 144,000                | 158,000          | 148,000 | 239,000             |
| Communist Countries              |                        |                  |         |                     |
| USSR.....                        | 109,600                | 97,600           | 106,000 | 106,400             |
| Eastern Europe                   |                        |                  |         |                     |
| Bulgaria.....                    | 2,797                  | 2,745            | 2,816   | 3,093 <sup>3</sup>  |
| Czechoslovakia.....              | 4,994                  | 5,087            | 7,526   | 7,468 <sup>3</sup>  |
| East Germany <sup>4</sup> .....  | 4,089                  | 3,465            | 3,619   | 3,640 <sup>3</sup>  |
| Hungary.....                     | 3,335                  | 3,303            | 4,938   | 4,608 <sup>3</sup>  |
| Poland.....                      | 8,071                  | 8,354            | 10,552  | 10,633 <sup>3</sup> |
| Romania <sup>4</sup> .....       | 4,167                  | 3,793            | 5,089   | 4,833 <sup>3</sup>  |
| Other                            |                        |                  |         |                     |
| Albania <sup>5</sup> .....       | 201                    | 156 <sup>6</sup> | N.A.    | N.A.                |
| Yugoslavia.....                  | 3,664                  | 6,416            | 6,606   | 7,650               |

<sup>1</sup> Total housing space, which includes living rooms, bedrooms, dining area, and auxiliary space such as bathrooms, kitchens, closets, and inside hallways.

<sup>2</sup> Data are computed from the number of housing starts during the given years. Strictly speaking, therefore, the data on completions are more accurate for interyear comparisons than for any given year. Housing starts were converted to total floorspace by converting to square meters on the basis of varying sizes of structures.

<sup>3</sup> Data are for 1971.

<sup>4</sup> Living space only.

<sup>5</sup> Socialist sector only.

<sup>6</sup> Estimated.

Table 130

Production of Cement <sup>1</sup>

Thousand Metric Tons

|                              | 1960               | 1965                | 1970                | 1972                |
|------------------------------|--------------------|---------------------|---------------------|---------------------|
| OECD.....                    | 185,000            | 249,000             | 317,000             | 354,000             |
| United States.....           | 56,063             | 65,078              | 67,427              | 75,024              |
| Canada.....                  | 5,338              | 7,665               | 7,275               | 9,096               |
| Japan.....                   | 22,537             | 32,486              | 57,189              | 66,289              |
| Spain.....                   | 5,234 <sup>2</sup> | 9,882               | 16,702              | 19,440              |
| Turkey.....                  | 2,038              | 3,238               | 6,374               | 8,424               |
| European Community.....      | 77,400             | 107,000             | 132,000             | 141,000             |
| Belgium <sup>3</sup> .....   | 4,388              | 5,905               | 6,729               | 7,092               |
| France.....                  | 14,349             | 22,423              | 29,009              | 30,288              |
| Italy.....                   | 16,014             | 20,695              | 33,076              | 33,456              |
| United Kingdom.....          | 13,501             | 17,194              | 17,057              | 18,048              |
| West Germany.....            | 24,905             | 34,133 <sup>3</sup> | 38,324 <sup>3</sup> | 43,152 <sup>3</sup> |
| Other Countries              |                    |                     |                     |                     |
| Brazil.....                  | 4,474              | 5,873               | 9,002               | 11,232              |
| India.....                   | 7,845              | 10,578              | 13,956              | 15,600              |
| Mexico.....                  | 3,089              | 4,304               | 7,267               | 8,570               |
| Communist Countries          |                    |                     |                     |                     |
| USSR and Eastern Europe..... | 68,400             | 104,000             | 137,000             | 151,000             |
| USSR.....                    | 45,520             | 72,388              | 95,248              | 104,300             |
| Eastern Europe.....          | 22,900             | 31,800              | 42,100              | 47,000              |
| Bulgaria.....                | 1,586              | 2,681               | 3,668               | 3,910               |
| Czechoslovakia.....          | 5,051              | 5,713               | 7,402               | 8,045               |
| East Germany.....            | 5,032              | 6,087               | 7,987               | 8,854               |
| Hungary.....                 | 1,571              | 2,383               | 2,771               | 2,969               |
| Poland.....                  | 6,599              | 9,573               | 12,180              | 13,986              |
| Romania.....                 | 3,054              | 5,406               | 8,127               | 9,212               |
| Far East                     |                    |                     |                     |                     |
| China.....                   | 12,000             | 13,900              | 20,800              | 29,800              |
| North Korea.....             | 2,285              | 2,400               | 4,000               | 4,500               |
| North Vietnam.....           | 408                | 660                 | 250                 | 180*                |
| Other                        |                    |                     |                     |                     |
| Albania.....                 | 73                 | 134                 | 340                 | N.A.                |
| Cuba.....                    | 813                | 801                 | 742                 | 1,485               |
| Yugoslavia.....              | 2,398              | 3,102               | 4,398               | 5,750               |

\*An asterisk indicates that the data are CONFIDENTIAL.

<sup>1</sup> All types of hydraulic cements used in construction.

<sup>2</sup> Excluding natural cement.

<sup>3</sup> Including data for West Berlin.

Approved For Release 1999/09/08 : CIA-RDP79S01091A000300040001-4



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Table 131

Production of Total Grain <sup>1</sup>

Million Metric Tons

|                                  | 1960   | 1965       | 1970       | 1972       |
|----------------------------------|--------|------------|------------|------------|
| OECD                             |        |            |            |            |
| United States <sup>2</sup> ..... | 181.25 | 183.46     | 186.68     | 227.96     |
| Australia.....                   | 10.66  | 9.44       | 12.39      | 9.43       |
| Canada.....                      | 25.39  | 30.68      | 26.88      | 33.43      |
| Japan.....                       | 20.18  | 18.24      | 17.00      | 15.41      |
| Spain.....                       | 7.27   | 8.82       | 10.03      | 12.02      |
| Turkey.....                      | 12.09  | 12.64      | 13.68      | 15.11      |
| European Community.....          | 68.8   | 81.0       | 87.9       | 103        |
| France.....                      | 23.01  | 28.96      | 31.59      | 39.65      |
| Italy.....                       | 11.98  | 14.50      | 16.13      | 16.26      |
| United Kingdom.....              | 9.46   | 13.62      | 13.00      | 15.27      |
| West Germany.....                | 15.06  | 13.47      | 16.79      | 19.98      |
| Other Countries                  |        |            |            |            |
| Argentina.....                   | 11.32  | 14.41      | 16.05      | 20.16      |
| Brazil.....                      | 14.84  | 18.30      | 21.55      | 19.31      |
| India.....                       | 68.47  | 65.60      | 94.03      | 88.95      |
| Communist Countries              |        |            |            |            |
| USSR and Eastern Europe.....     | 141    | 153        | 205        | 207        |
| USSR <sup>3</sup> .....          | 93     | 100        | 150        | 134        |
| Eastern Europe.....              | 48.3   | 53.1       | 54.7       | 72.9       |
| Bulgaria <sup>4</sup> .....      | 4.80   | 5.19       | 6.70       | 8.04       |
| Czechoslovakia.....              | 5.74   | 5.24       | 7.20       | 8.65       |
| East Germany <sup>5</sup> .....  | 6.38   | 6.73       | 6.46       | 8.50       |
| Hungary <sup>4</sup> .....       | 6.82   | 7.37       | 7.49       | 10.65      |
| Poland <sup>5 6</sup> .....      | 14.78  | 16.00      | 16.26      | 20.50      |
| Romania <sup>4</sup> .....       | 9.77   | 12.60      | 10.57      | 16.60      |
| Far East                         |        |            |            |            |
| China <sup>7</sup> .....         | 160    | 190 to 195 | 220 to 225 | 210 to 215 |
| North Korea <sup>8</sup> .....   | 3.80*  | 4.50*      | 5.00*      | 5.20*      |
| North Vietnam <sup>9</sup> ..... | 4.52   | 5.00       | 4.90       | 4.90       |
| Other                            |        |            |            |            |
| Albania <sup>4 5</sup> .....     | 0.22   | 0.34       | 0.56       | N.A.       |
| Cuba <sup>10</sup> .....         | 0.41   | 0.08       | 0.30       | N.A.       |
| Yugoslavia <sup>4</sup> .....    | 10.86  | 10.56      | 11.57      | 12.72      |

\*An asterisk indicates that the data are CONFIDENTIAL.

<sup>1</sup> Data are for the following products, where they are produced: barley, corn, oats, rice, rye, and wheat.

<sup>2</sup> Including sorghum for grain.

<sup>3</sup> Including miscellaneous grains and pulses.

<sup>4</sup> Excluding rice.

<sup>5</sup> Including miscellaneous grains.

<sup>6</sup> Excluding corn.

<sup>7</sup> Including kaoliang, broad beans, and field peas. Tubers are included on a grain equivalent basis of 4 metric tons of tubers to 1 metric ton of grain.

<sup>8</sup> Including soybeans and tubers on a straight weight basis.

<sup>9</sup> Unhusked or paddy rice and corn, expressed in terms of paddy equivalent.

<sup>10</sup> Data reflect only rice production and government collections of corn; total production is considerably higher.

**Table 132**  
**Production of Breadgrain (Wheat and Rye)**

|                              | Million Metric Tons |       |       |       |
|------------------------------|---------------------|-------|-------|-------|
|                              | 1960                | 1965  | 1970  | 1972  |
| <b>OECD</b>                  |                     |       |       |       |
| United States.....           | 37.71               | 36.65 | 37.72 | 42.86 |
| Australia.....               | 7.47                | 7.08  | 7.91  | 6.50  |
| Canada.....                  | 14.37               | 18.10 | 9.59  | 14.86 |
| Spain.....                   | 3.90                | 5.06  | 4.32  | 4.77  |
| Turkey.....                  | 7.65                | 8.13  | 8.68  | 10.20 |
| European Community.....      | 33.5                | 39.3  | 38.1  | 44.5  |
| France.....                  | 11.46               | 15.17 | 13.23 | 17.98 |
| Italy.....                   | 6.89                | 9.86  | 9.76  | 9.47  |
| United Kingdom.....          | 3.06                | 4.19  | 4.25  | 4.78  |
| West Germany.....            | 8.74                | 7.09  | 8.19  | 9.36  |
| <b>Other Countries</b>       |                     |       |       |       |
| Argentina.....               | 4.70                | 6.32  | 5.10  | 8.85  |
| India <sup>1</sup> .....     | 10.32               | 12.29 | 20.09 | 26.48 |
| <b>Communist Countries</b>   |                     |       |       |       |
| USSR and Eastern Europe..... | 84.1                | 92.5  | 117   | 113   |
| USSR.....                    | 59.80               | 62.70 | 90.50 | 76.30 |
| Eastern Europe.....          | 24.3                | 29.8  | 26.6  | 36.5  |
| Bulgaria.....                | 2.46                | 2.97  | 3.06  | 3.58  |
| Czechoslovakia.....          | 2.40                | 2.81  | 3.63  | 4.48  |
| East Germany.....            | 3.58                | 3.71  | 3.62  | 4.68  |
| Hungary.....                 | 2.12                | 2.73  | 2.87  | 4.29  |
| Poland.....                  | 10.18               | 11.54 | 10.04 | 13.40 |
| Romania.....                 | 3.55                | 6.06  | 3.40  | 6.10  |
| <b>Other</b>                 |                     |       |       |       |
| Albania.....                 | 0.07                | 0.13  | 0.23  | N.A.  |
| Yugoslavia.....              | 3.80                | 3.62  | 3.92  | 4.96  |

<sup>1</sup> Wheat only.

**Table 133**  
**Production of Coarse Grains (Barley, Corn, and Oats)**

|                                   | Million Metric Tons |        |        |        |
|-----------------------------------|---------------------|--------|--------|--------|
|                                   | 1960                | 1965   | 1970   | 1972   |
| OECD                              |                     |        |        |        |
| United States <sup>1</sup> .....  | 141.07              | 143.35 | 145.20 | 181.23 |
| Canada.....                       | 11.02               | 12.58  | 17.29  | 18.57  |
| Spain.....                        | 3.00                | 3.40   | 5.31   | 6.90   |
| Turkey.....                       | 4.30                | 4.35   | 4.76   | 4.67   |
| European Community.....           | 34.5                | 41.1   | 49.0   | 57.3   |
| Denmark <sup>2</sup> .....        | 3.48                | 4.90   | 5.44   | 6.19   |
| France.....                       | 11.44               | 13.70  | 18.26  | 21.60  |
| Italy.....                        | 4.48                | 4.13   | 5.56   | 5.88   |
| United Kingdom <sup>2</sup> ..... | 6.40                | 9.42   | 8.75   | 10.49  |
| West Germany.....                 | 6.32                | 6.38   | 8.60   | 10.62  |
| Other Countries                   |                     |        |        |        |
| Argentina.....                    | 6.47                | 7.92   | 10.66  | 10.96  |
| Brazil.....                       | 9.08                | 11.42  | 13.50  | 12.90  |
| India.....                        | 6.80                | 7.28   | 10.20  | 7.00   |
| Mexico.....                       | 5.63                | 8.21   | 9.05   | 8.28   |
| South Africa.....                 | 5.42                | 5.19   | 8.75   | 5.14   |
| Communist Countries <sup>3</sup>  |                     |        |        |        |
| USSR and Eastern Europe.....      | 57.1                | 60.1   | 86.6   | 92.8   |
| USSR <sup>4</sup> .....           | 33.1                | 36.8   | 58.5   | 56.4   |
| Eastern Europe.....               | 24.0                | 23.3   | 28.0   | 36.4   |
| Bulgaria <sup>5</sup> .....       | 2.34                | 2.22   | 3.64   | 4.46   |
| Czechoslovakia <sup>5</sup> ..... | 3.34                | 2.42   | 3.57   | 4.17   |
| East Germany.....                 | 2.80                | 3.02   | 2.84   | 3.82   |
| Hungary <sup>5</sup> .....        | 4.69                | 4.64   | 4.62   | 6.36   |
| Poland <sup>2</sup> .....         | 4.58                | 4.47   | 6.21   | 7.10   |
| Romania <sup>5</sup> .....        | 6.22                | 6.49   | 7.17   | 10.50  |
| Far East                          |                     |        |        |        |
| North Vietnam <sup>6</sup> .....  | 0.21                | 0.29   | 0.24   | 0.24   |
| Other                             |                     |        |        |        |
| Albania.....                      | 0.14                | 0.21   | N.A.   | N.A.   |
| Cuba <sup>6 7</sup> .....         | 0.10                | 0.02   | 0.01   | 0.01   |
| Yugoslavia <sup>5</sup> .....     | 7.06                | 6.94   | 7.64   | 7.75   |

<sup>1</sup> Including sorghum for grain.

<sup>2</sup> Excluding corn.

<sup>3</sup> Unless otherwise indicated, data include miscellaneous grains.

<sup>4</sup> Including pulses.

<sup>5</sup> Excluding miscellaneous grains.

<sup>6</sup> Corn only.

<sup>7</sup> Data reflect government collections only; total production is considerably higher.

**Table 134**  
**Production of Rice <sup>1</sup>**

|                              | Thousand Metric Tons |                     |        |        |
|------------------------------|----------------------|---------------------|--------|--------|
|                              | 1960                 | 1965                | 1970   | 1972   |
| <b>OECD</b>                  |                      |                     |        |        |
| United States.....           | 2,476                | 3,460               | 3,758  | 3,858  |
| Japan.....                   | 16,074 <sup>2</sup>  | 15,511 <sup>2</sup> | 15,861 | 14,715 |
| European Community.....      | 725                  | 607                 | 920    | 976    |
| Italy.....                   | 622                  | 509                 | 819    | 900    |
| <b>Other Countries</b>       |                      |                     |        |        |
| Bangladesh.....              | 14,665               | 15,975              | 16,950 | 14,895 |
| Brazil.....                  | 5,392 <sup>2</sup>   | 6,600               | 6,315  | 5,714  |
| Burma.....                   | 7,575                | 8,055               | 8,128  | 7,600  |
| India.....                   | 51,348 <sup>2</sup>  | 46,029 <sup>2</sup> | 63,736 | 55,472 |
| Indonesia.....               | 12,849               | 13,700              | 23,064 | 18,769 |
| South Korea.....             | 3,127                | 4,767               | 5,571  | 5,342  |
| South Vietnam.....           | 4,955                | 4,822               | 5,715  | 6,215  |
| <b>Communist Countries</b>   |                      |                     |        |        |
| USSR and Eastern Europe..... | 266                  | 581                 | 1,210  | 1,480  |
| USSR.....                    | 140                  | 480                 | 1,030  | 1,310  |
| Eastern Europe.....          | 126                  | 101                 | 176    | 173    |
| Bulgaria.....                | 32                   | 34                  | 66     | 55     |
| Hungary.....                 | 45                   | 21                  | 45     | 61     |
| Romania.....                 | 49                   | 46                  | 65     | 57     |
| <b>Far East</b>              |                      |                     |        |        |
| North Vietnam.....           | 4,212                | 4,600               | 4,500  | 4,500  |
| <b>Other</b>                 |                      |                     |        |        |
| Albania.....                 | 5                    | 10                  | 15     | N.A.   |
| Cuba.....                    | 306                  | 50                  | 291    | N.A.   |
| Yugoslavia.....              | 22                   | 25                  | 32     | 18     |

<sup>1</sup> Rough, or paddy, rice. Data refer to crops harvested in the last half of the year stated combined with crops harvested in the first half of the following year.

<sup>2</sup> Estimated from planted acreage.



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Table 135

Production of Potatoes <sup>1</sup>

Million Metric Tons

|                                  | 1960  | 1965  | 1970  | 1972  |
|----------------------------------|-------|-------|-------|-------|
| OECD.....                        | 96.6  | 82.1  | 84.2  | 75.9  |
| United States.....               | 11.68 | 13.15 | 14.78 | 13.36 |
| Canada.....                      | 2.06  | 2.11  | 2.50  | 1.88  |
| Japan.....                       | 3.59  | 4.06  | 3.61  | 3.02  |
| Spain.....                       | 4.62  | 4.00  | 5.42  | 5.10  |
| Turkey.....                      | 1.40  | 1.68  | 1.92  | 2.00  |
| European Community.....          | 61.3  | 47.5  | 46.1  | 42.1  |
| France.....                      | 15.89 | 11.07 | 8.87  | 8.47  |
| Italy.....                       | 3.82  | 3.55  | 3.67  | 3.30  |
| Netherlands.....                 | 3.97  | 3.24  | 5.65  | 5.58  |
| United Kingdom.....              | 7.27  | 7.58  | 7.48  | 6.41  |
| West Germany.....                | 24.54 | 18.09 | 16.25 | 15.04 |
| Other Countries                  |       |       |       |       |
| Argentina.....                   | 1.86  | 2.49  | 2.34  | 1.34  |
| Brazil.....                      | 1.11  | 1.25  | 1.58  | 1.72  |
| Communist Countries              |       |       |       |       |
| USSR and Eastern Europe.....     | 148   | 152   | 169   | 149   |
| USSR.....                        | 84.37 | 88.68 | 96.78 | 77.80 |
| Eastern Europe.....              | 63.9  | 63.2  | 72.0  | 70.8  |
| Bulgaria.....                    | 0.48  | 0.28  | 0.37  | 0.38  |
| Czechoslovakia.....              | 5.09  | 3.68  | 4.79  | 5.00  |
| East Germany.....                | 14.82 | 12.86 | 13.05 | 12.30 |
| Hungary.....                     | 2.66  | 1.48  | 1.43  | 1.31  |
| Poland.....                      | 37.86 | 42.66 | 50.30 | 48.70 |
| Romania.....                     | 3.01  | 2.20  | 2.06  | 3.14  |
| Far East                         |       |       |       |       |
| North Vietnam <sup>2</sup> ..... | 0.92  | 1.97  | 1.88  | 1.88  |
| Other                            |       |       |       |       |
| Albania.....                     | 0.02  | 0.02  | 0.15  | N.A.  |
| Cuba <sup>3</sup> .....          | 0.09  | 0.08  | 0.09  | N.A.  |
| Yugoslavia.....                  | 3.27  | 2.38  | 2.96  | 2.32  |

<sup>1</sup> Unless otherwise indicated, data are for Irish potatoes.<sup>2</sup> Sweet potatoes and manioc.<sup>3</sup> Data reflect government collections only; the total production is considerably higher.

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Table 136

Production of Meat <sup>1</sup>

Thousand Metric Tons

|                                 | 1960          | 1965               | 1970               | 1972               |
|---------------------------------|---------------|--------------------|--------------------|--------------------|
| <b>OECD</b>                     |               |                    |                    |                    |
| United States.....              | 12,795        | 14,304             | 16,447             | 16,804             |
| Australia.....                  | 1,359         | 1,743              | 1,940              | 2,319              |
| Canada <sup>2</sup> .....       | 1,114         | 1,327              | 1,480              | 1,548              |
| Japan <sup>2</sup> .....        | 322           | 640                | 920                | 1,073              |
| Spain <sup>2</sup> .....        | 554           | 608                | 954                | 950                |
| European Community.....         | <b>10,200</b> | <b>11,900</b>      | <b>13,100</b>      | <b>13,400</b>      |
| Denmark <sup>2</sup> .....      | 766           | 896                | 911                | 938                |
| France <sup>2</sup> .....       | 2,613         | 3,244              | 2,992              | 3,034              |
| Italy <sup>2</sup> .....        | 1,104         | 1,085              | 1,363              | 1,455              |
| Netherlands <sup>2</sup> .....  | 704           | 794                | 1,014              | 1,027              |
| United Kingdom.....             | 1,718         | 2,019              | 2,121              | 2,137              |
| West Germany <sup>2</sup> ..... | 2,617         | 3,074              | 3,590              | 3,574              |
| <b>Other Countries</b>          |               |                    |                    |                    |
| Argentina.....                  | 2,263         | 2,445 <sup>2</sup> | 3,096 <sup>2</sup> | 2,586 <sup>2</sup> |
| Brazil.....                     | 1,872         | 2,039 <sup>2</sup> | 2,562 <sup>2</sup> | 2,749 <sup>2</sup> |
| Mexico.....                     | 655           | 812 <sup>2</sup>   | 999 <sup>2</sup>   | 979 <sup>2</sup>   |
| New Zealand.....                | 748           | 797                | 999                | 979                |
| <b>Communist Countries</b>      |               |                    |                    |                    |
| USSR and Eastern Europe.....    | <b>12,100</b> | <b>14,000</b>      | <b>16,800</b>      | <b>18,700</b>      |
| USSR <sup>3</sup> .....         | 8,682         | 9,956              | 12,278             | 13,584             |
| Eastern Europe.....             | <b>3,380</b>  | <b>4,040</b>       | <b>4,490</b>       | <b>5,070</b>       |
| Bulgaria.....                   | 174           | 278                | 266                | 300                |
| Czechoslovakia.....             | 483           | 599                | 638                | 700                |
| East Germany.....               | 730           | 886                | 994                | 1,100              |
| Hungary <sup>4</sup> .....      | 430           | 476                | 525                | 640                |
| Poland <sup>5</sup> .....       | 1,148         | 1,334              | 1,478              | 1,650              |
| Romania.....                    | 414           | 462                | 590                | 680                |
| <b>Other</b>                    |               |                    |                    |                    |
| Albania.....                    | 20            | 20                 | N.A.               | N.A.               |
| Yugoslavia <sup>4</sup> .....   | 522           | 639                | 703                | 710                |

<sup>1</sup> Data are on a carcass weight, bone-in basis, and are for beef, veal, pork, mutton, lamb, and goat where they are produced. Unless otherwise indicated, data exclude horsemeat, rabbit, poultry, game, edible offal, and lard.

<sup>2</sup> Including horsemeat.

<sup>3</sup> Including horsemeat, rabbit, poultry, game, edible offal, and lard.

<sup>4</sup> Including horsemeat and live exports.

<sup>5</sup> Including horsemeat and edible offal.

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Table 137

Production of Milk <sup>1</sup>

Thousand Metric Tons

|                                   | 1960   | 1965                | 1970                | 1972                |
|-----------------------------------|--------|---------------------|---------------------|---------------------|
| OECD                              |        |                     |                     |                     |
| United States.....                | 55,702 | 56,324              | 53,053              | 54,557              |
| Canada.....                       | 8,385  | 8,328               | 8,307               | 8,033               |
| European Community.....           | 83,500 | 88,400              | 91,200              | 95,600              |
| France.....                       | 22,652 | 26,771              | 27,276              | 29,200              |
| Italy.....                        | 9,648  | 9,184               | 9,243               | 9,600               |
| Netherlands.....                  | 6,838  | 7,142               | 8,239               | 9,073               |
| United Kingdom.....               | 12,670 | 11,386 <sup>2</sup> | 12,389 <sup>2</sup> | 13,601 <sup>2</sup> |
| West Germany.....                 | 19,250 | 21,253              | 21,856              | 21,489              |
| Communist Countries               |        |                     |                     |                     |
| USSR and Eastern Europe.....      | 88,800 | 101,000             | 116,000             | 118,000             |
| USSR.....                         | 61,718 | 72,563              | 83,016              | 83,227              |
| Eastern Europe.....               | 27,100 | 28,700              | 32,700              | 34,300              |
| Bulgaria.....                     | 744    | 1,000               | 1,250               | 1,310               |
| Czechoslovakia <sup>3</sup> ..... | 3,830  | 3,924               | 4,794               | 5,120               |
| East Germany <sup>4</sup> .....   | 5,730  | 6,371               | 7,091               | 7,515               |
| Hungary <sup>3</sup> .....        | 1,957  | 1,762               | 1,861               | 1,836               |
| Poland.....                       | 12,488 | 13,330              | 14,935              | 15,550              |
| Romania.....                      | 2,356  | 2,302               | 2,752               | 2,960               |
| Other                             |        |                     |                     |                     |
| Albania.....                      | 44     | 47                  | N.A.                | N.A.                |
| Cuba.....                         | 742    | 620                 | 400                 | 625                 |
| Yugoslavia.....                   | 2,280  | 2,303               | 2,567               | 2,550               |

<sup>1</sup> Whole milk from cows.<sup>2</sup> Total sales off-farm.<sup>3</sup> Including milk sucked by young animals.<sup>4</sup> In terms of 3.5% butterfat content.

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Table 138

Production of Sugar <sup>1</sup>

Thousand Metric Tons

|                                   | 1960   | 1965   | 1970   | 1972   |
|-----------------------------------|--------|--------|--------|--------|
| OECD                              |        |        |        |        |
| United States <sup>2</sup> .....  | 3,637  | 4,871  | 5,327  | 5,510  |
| Australia <sup>3</sup> .....      | 1,441  | 2,073  | 2,507  | 2,869  |
| European Community... ..          | 7,630  | 7,600  | 8,650  | 10,000 |
| France.....                       | 2,267  | 2,377  | 2,694  | 2,913  |
| Italy.....                        | 998    | 1,241  | 1,202  | 1,195  |
| United Kingdom.....               | 860    | 973    | 925    | 895    |
| West Germany.....                 | 1,877  | 1,601  | 2,056  | 2,265  |
| Other Countries <sup>3</sup>      |        |        |        |        |
| Brazil.....                       | 3,319  | 4,614  | 5,019  | 5,870  |
| India.....                        | 2,814  | 3,493  | 4,634  | 3,295  |
| Mexico.....                       | 1,530  | 2,107  | 2,402  | 2,440  |
| Philippines.....                  | 1,398  | 1,659  | 1,980  | 1,830  |
| South Africa.....                 | 952    | 1,014  | 1,649  | 2,111  |
| Communist Countries               |        |        |        |        |
| USSR and Eastern Europe.....      | 11,100 | 16,200 | 15,300 | 14,100 |
| USSR <sup>4</sup> .....           | 6,916  | 11,997 | 11,110 | 9,676  |
| Eastern Europe.....               | 4,210  | 4,240  | 4,160  | 4,460  |
| Bulgaria <sup>4</sup> .....       | 186    | 342    | 403    | 308    |
| Czechoslovakia <sup>4</sup> ..... | 958    | 874    | 951    | 800    |
| East Germany <sup>4</sup> .....   | 739    | 619    | 587    | 700    |
| Hungary <sup>4</sup> .....        | 414    | 465    | 304    | 323    |
| Poland.....                       | 1,484  | 1,505  | 1,509  | 1,829  |
| Romania <sup>4</sup> .....        | 425    | 437    | 409    | 500    |
| Far East                          |        |        |        |        |
| China <sup>2</sup> .....          | 920    | 1,500  | 1,700  | 2,100  |
| Other                             |        |        |        |        |
| Albania.....                      | 15     | 16     | N.A.   | N.A.   |
| Cuba <sup>5</sup> .....           | 5,862  | 6,220  | 8,530  | 4,200  |
| Yugoslavia.....                   | 289    | 363    | 385    | 364    |

<sup>1</sup> Unless otherwise indicated, data are for beet sugar produced in the calendar year. Data are given in terms of the raw value of centrifugal sugar. Refined sugar is equal to approximately 92% of raw sugar by weight. Centrifugal, as distinguished from noncentrifugal, sugar includes cane and beet sugar produced by the centrifugal process and is the principal type of sugar moving in international trade.

<sup>2</sup> Including cane sugar.

<sup>3</sup> Cane sugar only.

<sup>4</sup> Including raw cane sugar imported for refining.

<sup>5</sup> Raw cane sugar of 96° polarization. Crop years ending 30 June of the stated year.

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Table 139

Fish Catch <sup>1</sup>

Thousand Metric Tons

|                              | 1960  | 1965  | 1970   | 1971   |
|------------------------------|-------|-------|--------|--------|
| OECD                         |       |       |        |        |
| United States.....           | 2,815 | 2,696 | 2,755  | 2,767  |
| Canada.....                  | 934   | 1,262 | 1,389  | 1,289  |
| Japan.....                   | 6,193 | 6,908 | 9,315  | 9,894  |
| Norway.....                  | 1,543 | 2,312 | 2,980  | 3,075  |
| Spain.....                   | 970   | 1,340 | 1,499  | 1,613  |
| European Community.....      | 3,580 | 4,110 | 4,520  | 4,600  |
| Denmark.....                 | 581   | 841   | 1,226  | 1,401  |
| France.....                  | 734   | 768   | 764    | 742    |
| United Kingdom.....          | 924   | 1,047 | 1,099  | 1,107  |
| West Germany.....            | 674   | 633   | 613    | 508    |
| Other Countries              |       |       |        |        |
| Chile <sup>2</sup> .....     | 340   | 708   | 1,181  | 1,494  |
| India.....                   | 1,161 | 1,331 | 1,746  | 1,845  |
| Peru.....                    | 3,569 | 7,632 | 12,613 | 10,611 |
| South Africa.....            | 864   | 1,239 | 1,555  | 1,084  |
| Communist Countries          |       |       |        |        |
| USSR and Eastern Europe..... | 3,900 | 6,400 | 8,860  | 8,900  |
| USSR <sup>3</sup> .....      | 3,541 | 5,774 | 7,887  | 7,845  |
| Eastern Europe.....          | 358   | 627   | 977    | 1,060  |
| Bulgaria <sup>4</sup> .....  | 8     | 17    | 84     | 97     |
| Czechoslovakia.....          | 9     | 11    | 13     | 14     |
| East Germany.....            | 114   | 229   | 319    | 332    |
| Hungary.....                 | 15    | 25    | 26     | 26     |
| Poland.....                  | 187   | 301   | 473    | 512    |
| Romania.....                 | 25    | 44    | 62     | 75     |
| Far East                     |       |       |        |        |
| North Korea.....             | 465   | 785   | N.A.   | N.A.   |
| Other                        |       |       |        |        |
| Albania.....                 | 3     | 4     | N.A.   | N.A.   |
| Cuba.....                    | 31    | 40    | 106    | 140    |
| Yugoslavia.....              | 31    | 42    | 46     | 49     |

<sup>1</sup> Unless otherwise indicated, data are in terms of live weight for all species of fish and seaweed, crustaceans, and mollusks, but exclude aquatic mammals.

<sup>2</sup> Including quantities landed by foreign fishing craft in Chilean ports.

<sup>3</sup> Including aquatic mammals.

<sup>4</sup> Commercial catch only.

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**Table 140**  
**Number of Cattle <sup>1</sup>**

|                                  | Million Head      |        |        |        |
|----------------------------------|-------------------|--------|--------|--------|
|                                  | 1960              | 1965   | 1971   | 1973   |
| OECD.....                        | 221               | 241    | 256    | 270    |
| United States.....               | 96.24             | 109.00 | 114.58 | 121.99 |
| Australia.....                   | 16.50             | 18.82  | 24.37  | 29.74  |
| Canada.....                      | 10.39             | 12.13  | 12.22  | 12.73  |
| Turkey <sup>2</sup> .....        | 14.30             | 14.41  | 13.87  | 14.25  |
| European Community.....          | 65.6              | 68.0   | 71.9   | 74.0   |
| France.....                      | 18.74             | 20.24  | 21.74  | 21.90  |
| Italy <sup>2</sup> .....         | 9.40              | 9.23   | 8.78   | 8.60   |
| United Kingdom.....              | 11.48             | 11.69  | 12.44  | 13.75  |
| West Germany.....                | 12.48             | 13.05  | 14.03  | 13.89  |
| Other Countries                  |                   |        |        |        |
| Argentina.....                   | 43.51             | 46.79  | 49.79  | 54.90  |
| Brazil.....                      | 72.89             | 84.25  | 80.00  | 88.00  |
| Colombia.....                    | 15.10             | 16.50  | 20.51  | 21.42  |
| Mexico.....                      | 17.67             | 21.98  | 25.12  | 26.83  |
| South Africa.....                | 12.30             | 12.44  | 10.04  | N.A.   |
| Communist Countries              |                   |        |        |        |
| USSR and Eastern Europe.....     | 99.3              | 114    | 127    | 134    |
| USSR.....                        | 74.16             | 87.17  | 99.22  | 104.00 |
| Eastern Europe.....              | 25.2              | 26.6   | 28.1   | 30.2   |
| Bulgaria.....                    | 1.28              | 1.47   | 1.28   | 1.44   |
| Czechoslovakia.....              | 4.30              | 4.44   | 4.29   | 4.43   |
| East Germany <sup>3</sup> .....  | 4.46 <sup>4</sup> | 4.68   | 5.19   | 5.38   |
| Hungary.....                     | 1.97 <sup>5</sup> | 1.94   | 1.91   | 1.87   |
| Poland.....                      | 8.70 <sup>6</sup> | 9.35   | 10.22  | 11.30  |
| Romania.....                     | 4.45              | 4.76   | 5.22   | 5.78   |
| Far East                         |                   |        |        |        |
| North Korea.....                 | 0.67              | 0.69*  | N.A.   | N.A.   |
| North Vietnam <sup>2</sup> ..... | 2.40              | 2.38   | N.A.   | N.A.   |
| Other                            |                   |        |        |        |
| Albania <sup>2</sup> .....       | 0.43              | 0.43   | N.A.   | N.A.   |
| Cuba.....                        | 5.76              | 6.61   | N.A.   | 5.10   |
| Yugoslavia.....                  | 5.30              | 5.22   | 5.14   | 5.30   |

\*An asterisk indicates that the data are CONFIDENTIAL.

<sup>1</sup> Unless otherwise indicated, data are as of the beginning of the year.

<sup>2</sup> Including buffalo.

<sup>3</sup> Unless otherwise indicated, as of 30 November of the previous year.

<sup>4</sup> As of 3 December of the previous year.

<sup>5</sup> As of March of the stated year.

<sup>6</sup> As of 30 June of the stated year.

**Table 141**  
**Number of Hogs <sup>1</sup>**

|                                 | Million Head       |       |       |       |
|---------------------------------|--------------------|-------|-------|-------|
|                                 | 1960               | 1965  | 1971  | 1973  |
| OECD.....                       | 128                | 131   | 172   | 167   |
| United States.....              | 59.03              | 50.79 | 67.43 | 61.50 |
| Canada.....                     | 6.05               | 5.60  | 7.70  | 7.30  |
| Japan.....                      | 1.92               | 3.98  | 6.90  | 7.43  |
| Spain.....                      | 5.38               | 4.02  | 6.92  | 7.47  |
| European Community.....         | 44.9               | 55.4  | 70.1  | 69.0  |
| Denmark.....                    | 6.20               | 8.20  | 8.73  | 8.75  |
| France.....                     | 8.36               | 9.04  | 11.57 | 11.52 |
| Italy.....                      | 4.15               | 5.41  | 8.98  | 7.99  |
| United Kingdom.....             | 6.01               | 7.94  | 8.55  | 8.87  |
| West Germany.....               | 14.87              | 18.15 | 20.97 | 20.03 |
| Other Countries                 |                    |       |       |       |
| Brazil.....                     | 46.82              | 58.70 | 67.00 | 69.40 |
| Mexico.....                     | 5.99               | 9.09  | 11.72 | 9.40  |
| Philippines.....                | 8.15               | 10.51 | 12.50 | 13.00 |
| Communist Countries             |                    |       |       |       |
| USSR and Eastern Europe.....    | 91.9               | 97.6  | 113   | 121   |
| USSR.....                       | 53.37              | 52.84 | 67.48 | 66.50 |
| Eastern Europe.....             | 38.5               | 44.8  | 45.1  | 54.1  |
| Bulgaria.....                   | 2.27               | 2.61  | 2.37  | 2.61  |
| Czechoslovakia.....             | 5.69               | 6.14  | 5.53  | 6.10  |
| East Germany <sup>2</sup> ..... | 8.28 <sup>3</sup>  | 8.76  | 9.68  | 10.36 |
| Hungary.....                    | 5.36 <sup>4</sup>  | 7.04  | 7.31  | 7.26  |
| Poland.....                     | 12.62 <sup>5</sup> | 14.20 | 13.86 | 19.00 |
| Romania.....                    | 4.30               | 6.03  | 6.36  | 8.78  |
| Far East                        |                    |       |       |       |
| North Korea.....                | 1.12               | 1.21* | N.A.  | N.A.  |
| North Vietnam.....              | 3.63               | 4.48  | N.A.  | N.A.  |
| Other                           |                    |       |       |       |
| Albania.....                    | 0.12               | 0.15  | N.A.  | N.A.  |
| Cuba.....                       | 1.72               | 1.75  | N.A.  | N.A.  |
| Yugoslavia.....                 | 6.21               | 6.98  | 6.56  | 6.28  |

\*An asterisk indicates that the data are CONFIDENTIAL.

<sup>1</sup> Unless otherwise indicated, data are as of the beginning of the year.

<sup>2</sup> Unless otherwise indicated, as of 30 November of the previous year.

<sup>3</sup> As of 3 December of the previous year.

<sup>4</sup> As of March of the stated year.

<sup>5</sup> As of 30 June of the stated year.

**Table 142**  
**Production of Ginned Cotton**

|                              | Thousand Metric Tons |         |         |         |
|------------------------------|----------------------|---------|---------|---------|
|                              | 1960                 | 1965    | 1970    | 1972    |
| OECD <sup>1</sup> .....      | 3,420                | 3,770   | 2,790   | 3,660   |
| United States.....           | 3,107.3              | 3,259.9 | 2,213.3 | 2,953.8 |
| Greece.....                  | 62.7                 | 74.0    | 110.0   | 119.8   |
| Turkey.....                  | 168.7                | 326.6   | 399.5   | 500.8   |
| Other Countries <sup>1</sup> |                      |         |         |         |
| Argentina.....               | 123.9                | 104.5   | 87.1    | 114.3   |
| Brazil.....                  | 424.6                | 544.3   | 489.9   | 653.2   |
| Egypt.....                   | 478.1                | 518.2   | 508.4   | 520.4   |
| India.....                   | 1,008.0              | 1,001.5 | 958.0   | 1,110.4 |
| Iran.....                    | 99.3                 | 140.4   | 150.2   | 174.2   |
| Mexico.....                  | 457.2                | 571.5   | 313.5   | 357.1   |
| Pakistan.....                | 304.4                | 416.9   | 528.0   | 718.5   |
| Sudan.....                   | 114.3                | 163.3   | 251.7   | 239.5   |
| Syria.....                   | 111.2                | 179.6   | 149.1   | 161.1   |
| Communist Countries          |                      |         |         |         |
| USSR and Eastern Europe..... | 1,480                | 1,940   | 2,360   | 2,520   |
| USSR.....                    | 1,458.0              | 1,925.0 | 2,343.0 | 2,504.0 |
| Eastern Europe.....          | 21.1                 | 12.6    | 12.5    | 15.0    |
| Bulgaria.....                | 21.1                 | 12.6    | 12.5    | 15.0    |
| Far East                     |                      |         |         |         |
| China.....                   | 1,280.0              | 1,500.0 | 1,660.0 | 1,200.0 |
| Other                        |                      |         |         |         |
| Albania.....                 | 5.4                  | 8.1     | N.A.    | N.A.    |
| Cuba.....                    | 7.2                  | 0.8     | N.A.    | N.A.    |
| Yugoslavia.....              | 2.4                  | 1.7     | 4.2     | 3.3     |

<sup>1</sup> Data are for the crop year beginning 1 August of the stated year.



Table 143

Production of Wool <sup>1</sup>

Thousand Metric Tons

|                                 | 1960  | 1965  | 1970  | 1972  |
|---------------------------------|-------|-------|-------|-------|
| OECD.....                       | 1,120 | 1,100 | 1,170 | 1,080 |
| United States.....              | 146.3 | 109.4 | 85.1  | 78.4  |
| Australia.....                  | 740.3 | 754.2 | 885.5 | 807.9 |
| Turkey.....                     | 47.4  | 43.0  | 47.5  | 48.0  |
| Spain.....                      | 38.0  | 36.2  | 33.8  | 26.5  |
| European Community.....         | 117   | 119   | 93.0  | 94.6  |
| France.....                     | 29.5  | 27.7  | 21.0  | 21.8  |
| Italy.....                      | 13.4  | 15.5  | 12.5  | 12.7  |
| United Kingdom.....             | 55.0  | 58.6  | 44.5  | 44.0  |
| Other Countries                 |       |       |       |       |
| Argentina.....                  | 221.1 | 211.0 | 199.8 | 180.0 |
| Brazil.....                     | 23.0  | 35.5  | 40.6  | 42.1  |
| India.....                      | 34.1  | 35.0  | 36.0  | 37.5  |
| New Zealand.....                | 266.7 | 315.2 | 333.9 | 324.3 |
| South Africa <sup>2</sup> ..... | 135.7 | 164.4 | 126.6 | 113.5 |
| Uruguay.....                    | 82.0  | 84.0  | 78.0  | 60.0  |
| Communist Countries             |       |       |       |       |
| USSR and Eastern Europe.....    | 427   | 436   | 507   | 507   |
| USSR.....                       | 356.8 | 356.9 | 418.9 | 419.0 |
| Eastern Europe.....             | 70.2  | 78.8  | 88.5  | 87.7  |
| Bulgaria.....                   | 21.0  | 25.8  | 28.8  | 30.0  |
| Czechoslovakia.....             | 2.5   | 2.0   | 4.0   | 3.9   |
| East Germany.....               | 7.7   | 8.0   | 7.3   | 7.6   |
| Hungary.....                    | 8.2   | 10.1  | 9.8   | 8.4   |
| Poland.....                     | 9.0   | 7.5   | 8.9   | 8.6   |
| Romania.....                    | 21.8  | 25.4  | 29.7  | 29.2  |
| Other                           |       |       |       |       |
| Albania.....                    | 2.7   | 2.9   | N.A.  | N.A.  |
| Yugoslavia.....                 | 13.6  | 12.6  | 11.9  | 11.0  |

<sup>1</sup> Raw wool (grease basis) from sheep, which includes both shorn and pulled wool together with the wool element of "wooled sheepskins."

<sup>2</sup> Including data for Lesotho and South-West Africa.

Table 144

Production of Grain Combines <sup>1</sup>

|                                   | Units  |        |                     |                       |
|-----------------------------------|--------|--------|---------------------|-----------------------|
|                                   | 1960   | 1965   | 1970                | 1972                  |
| OECD                              |        |        |                     |                       |
| United States.....                | 30,165 | 38,442 | 21,017 <sup>2</sup> | 21,229 <sup>2 3</sup> |
| United Kingdom <sup>2</sup> ..... | 3,213  | 5,243  | 2,132               | 1,905 <sup>3</sup>    |
| Communist Countries               |        |        |                     |                       |
| USSR and Eastern Europe.....      | 67,000 | 91,200 | 103,000             | 101,000               |
| USSR.....                         | 59,000 | 85,800 | 99,200              | 95,700                |
| Eastern Europe.....               | 8,040  | 5,360  | 4,230               | 5,300                 |
| East Germany.....                 | 1,972  | 1,585  | 900                 | 1,400                 |
| Poland.....                       | 564    | 1,781  | 2,155               | 1,800                 |
| Romania.....                      | 5,500  | 2,012  | 1,179               | 2,100                 |

<sup>1</sup> Tractor-drawn and self-propelled.

<sup>2</sup> Shipments.

<sup>3</sup> Data are for 1971.

Table 145

Production of Tractors <sup>1</sup>

|                                 | Thousand Units |                    |                    |                    |
|---------------------------------|----------------|--------------------|--------------------|--------------------|
|                                 | 1960           | 1965               | 1970               | 1972               |
| OECD                            |                |                    |                    |                    |
| United States.....              | 178.5          | 271.8              | 191.7              | 218.2 <sup>2</sup> |
| European Community              |                |                    |                    |                    |
| France.....                     | 63.4           | 90.0               | 68.4               | 56.7               |
| Italy.....                      | 37.6           | 62.7               | 83.8               | 61.4               |
| United Kingdom.....             | 181.0          | 178.5 <sup>2</sup> | 160.7 <sup>2</sup> | 170.1 <sup>2</sup> |
| West Germany <sup>3</sup> ..... | 120.7          | 105.0              | 105.6              | 87.2               |
| Communist Countries             |                |                    |                    |                    |
| USSR and Eastern Europe.....    | 308            | 442                | 575                | 596                |
| USSR.....                       | 238.5          | 354.5              | 458.5              | 477.8              |
| Eastern Europe.....             | 69.0           | 87.5               | 117                | 118                |
| Bulgaria..... <sup>4</sup>      | ....           | 3.8                | 4.4                | 4.3                |
| Czechoslovakia.....             | 32.5           | 30.5               | 18.5               | 22.3               |
| East Germany.....               | 9.1            | 12.9               | 16.1               | 7.9                |
| Hungary.....                    | 2.6            | 3.0                | 1.8                | 1.2                |
| Poland.....                     | 7.7            | 21.5               | 46.8               | 47.2               |
| Romania.....                    | 17.1           | 15.8               | 29.3               | 34.9               |
| Far East                        |                |                    |                    |                    |
| China.....                      | 10.8           | 13.7               | 24.0               | 30.8               |
| Other                           |                |                    |                    |                    |
| Yugoslavia.....                 | 7.3            | 7.4                | 12.0               | 18.4               |

<sup>1</sup> Physical units. Excluding garden-type tractors.

<sup>2</sup> Shipments.

<sup>3</sup> Excluding tracklaying tractors.

<sup>4</sup> Production began in 1960 but was limited to a test series.

Table 146

Consumption of Mineral Fertilizers, Nutrient Content  
Kilograms per Hectare of Arable Land <sup>1</sup>

|                                     | 1960  | 1965  | 1970   | 1971               |
|-------------------------------------|-------|-------|--------|--------------------|
| OECD <sup>2</sup>                   |       |       |        |                    |
| United States.....                  | 38.9  | 62.7  | 86.8   | 87.1               |
| Australia.....                      | 21.2  | 30.5  | 21.8   | 22.1               |
| Canada.....                         | 8.6   | 17.2  | 18.4   | 19.9               |
| Spain.....                          | 31.6  | 38.0  | 59.0   | 67.7               |
| Turkey.....                         | 1.5   | 5.7   | 15.8   | 17.4               |
| European Community                  |       |       |        |                    |
| Belgium.....                        | 360.3 | 474.9 | 578.8  | 573.5              |
| Denmark.....                        | 151.1 | 182.3 | 223.2  | 235.6              |
| France.....                         | 102.4 | 148.8 | 241.4  | 256.1              |
| Ireland.....                        | 124.8 | 172.1 | 364.2  | 365.2              |
| Italy.....                          | 51.5  | 70.7  | 89.6   | 97.1               |
| Luxembourg.....                     | 223.8 | 289.0 | 386.9  | 418.8              |
| Netherlands.....                    | 456.1 | 580.8 | 749.3  | 693.5              |
| United Kingdom.....                 | 183.3 | 206.5 | 258.4  | 266.6              |
| West Germany.....                   | 266.2 | 349.3 | 399.8  | 408.6              |
| Other Countries <sup>2</sup>        |       |       |        |                    |
| India.....                          | 2.3   | 4.7   | 13.2   | 15.9               |
| Communist Countries <sup>3</sup>    |       |       |        |                    |
| USSR and Eastern Europe             |       |       |        |                    |
| USSR <sup>4</sup> .....             | 11.4  | 27.3  | 44.4   | 48.9               |
| Eastern Europe                      |       |       |        |                    |
| Bulgaria.....                       | 33.8  | 79.1  | 141.1  | 140.4              |
| Czechoslovakia <sup>2 4</sup> ..... | 91.4  | 166.3 | 240.5  | 252.3              |
| East Germany <sup>2</sup> .....     | 197.4 | 262.7 | 323.2  | 333.4 <sup>4</sup> |
| Hungary.....                        | 29.5  | 63.2  | 149.6  | 170.5              |
| Poland <sup>2</sup> .....           | 49.0  | 83.1  | 167.8  | 188.6 <sup>4</sup> |
| Romania.....                        | 8.1   | 25.4  | 56.5   | 60.2               |
| Far East                            |       |       |        |                    |
| China.....                          | 6.7*  | 14.2* | 32.4*  | 36.7*              |
| North Korea.....                    | 66.5* | 81.5* | 165.0* | 182.5*             |
| Other                               |       |       |        |                    |
| Albania.....                        | N.A.  | 16.0  | 84.7   | 88.3               |
| Yugoslavia.....                     | 27.9  | 54.8  | 78.8   | 83.5               |

\*An asterisk indicates that the data are CONFIDENTIAL.

<sup>1</sup> Land under temporary crops, gardens, fallow or idle land, and permanent crops such as orchards and vineyards.

<sup>2</sup> Data are for "fertilizer years"—in general, the year beginning 1 July of the stated year.

<sup>3</sup> Unless otherwise indicated, data are for calendar years.

<sup>4</sup> Including phosphate rock.

**Table 147**  
**Consumption of Nitrogen Fertilizers, Nutrient Content**  
**Thousand Metric Tons of N**

|   | 1960  | 1965   | 1970   | 1971   |
|---|-------|--------|--------|--------|
| <b>OECD <sup>1</sup></b>                |       |        |        |        |
| United States.....                      | 2,749 | 4,832  | 7,379  | 7,372  |
| Japan.....                              | 753   | 775    | 876    | 872    |
| Spain.....                              | 275   | 385    | 578    | 667    |
| European Community.....                 | 2,450 | 3,580  | 4,940  | 5,140  |
| France.....                             | 565   | 871    | 1,453  | 1,498  |
| Italy.....                              | 323   | 462    | 594    | 625    |
| United Kingdom.....                     | 463   | 690    | 801    | 930    |
| West Germany.....                       | 618   | 874    | 1,131  | 1,131  |
| <b>Other Countries <sup>1</sup></b>     |       |        |        |        |
| India.....                              | 296   | 541    | 1,487  | 1,756  |
| <b>Communist Countries <sup>2</sup></b> |       |        |        |        |
| USSR and Eastern Europe.....            | 1,640 | 3,920  | 7,510  | 8,230  |
| USSR.....                               | 769   | 2,282  | 4,605  | 5,182  |
| Eastern Europe.....                     | 868   | 1,640  | 2,900  | 3,050  |
| Bulgaria.....                           | 101   | 219    | 379    | 322    |
| Czechoslovakia <sup>1</sup> .....       | 146   | 246    | 419    | 419    |
| East Germany <sup>1</sup> .....         | 247   | 421    | 526    | 577    |
| Hungary.....                            | 75    | 180    | 391    | 394    |
| Poland <sup>1</sup> .....               | 274   | 433    | 822    | 907    |
| Romania.....                            | 25    | 144    | 367    | 431    |
| <b>Far East</b>                         |       |        |        |        |
| China.....                              | 545*  | 1,190* | 2,980* | 3,420* |
| North Korea.....                        | 111*  | 120*   | 280*   | 310*   |
| <b>Other</b>                            |       |        |        |        |
| Albania.....                            | 5     | 2      | 27     | 29     |
| Yugoslavia.....                         | 109   | 166    | 294    | 333    |

\*An asterisk indicates that the data are CONFIDENTIAL.

<sup>1</sup> Data are for "fertilizer years"—in general, the year beginning 1 July of the stated year.

<sup>2</sup> Unless otherwise indicated, data are for calendar years.

Table 148

Consumption of Phosphorus Fertilizer, Nutrient Content

Thousand Metric Tons of P<sub>2</sub>O<sub>5</sub>

|                                     | 1960  | 1965  | 1970  | 1971             |
|-------------------------------------|-------|-------|-------|------------------|
| OECD <sup>1</sup>                   |       |       |       |                  |
| United States.....                  | 2,488 | 3,522 | 4,358 | 4,339            |
| Australia.....                      | 572   | 954   | 743   | 775              |
| Canada.....                         | 169   | 333   | 326   | 340              |
| Japan.....                          | 491   | 546   | 656   | 664              |
| Spain.....                          | 279   | 306   | 432   | 466              |
| European Community.....             | 2,740 | 3,440 | 4,350 | 4,520            |
| France.....                         | 877   | 1,259 | 1,809 | 1,932            |
| Italy.....                          | 379   | 453   | 518   | 575              |
| United Kingdom.....                 | 426   | 422   | 543   | 512              |
| West Germany.....                   | 652   | 819   | 913   | 935              |
| Other Countries <sup>1</sup>        |       |       |       |                  |
| Brazil.....                         | 77    | 87    | 377   | 447              |
| India.....                          | 56    | 134   | 462   | 565              |
| New Zealand.....                    | 225   | 342   | 321   | 347              |
| Communist Countries <sup>2</sup>    |       |       |       |                  |
| USSR and Eastern Europe.....        | 1,830 | 3,370 | 5,170 | 5,540            |
| USSR <sup>3</sup> .....             | 1,074 | 2,097 | 3,129 | 3,376            |
| Eastern Europe.....                 | 757   | 1,280 | 2,040 | 2,160            |
| Bulgaria.....                       | 50    | 132   | 235   | 266              |
| Czechoslovakia <sup>1,4</sup> ..... | 159   | 255   | 350   | 358              |
| East Germany <sup>1</sup> .....     | 226   | 302   | 404   | 386 <sup>4</sup> |
| Hungary.....                        | 66    | 124   | 217   | 251              |
| Poland <sup>1</sup> .....           | 209   | 354   | 635   | 719 <sup>4</sup> |
| Romania.....                        | 47    | 110   | 203   | 180              |
| Far East                            |       |       |       |                  |
| China.....                          | 155*  | 325*  | 465*  | 474*             |
| North Korea.....                    | 22*   | 43*   | 50*   | 55*              |
| Other                               |       |       |       |                  |
| Albania.....                        | 2     | 5     | 18    | 18               |
| Yugoslavia.....                     | 71    | 151   | 182   | 175              |

\*An asterisk indicates that the data are CONFIDENTIAL.

<sup>1</sup> Data are for "fertilizer years"—in general, the year beginning 1 July of the stated year.

<sup>2</sup> Unless otherwise indicated, data are for calendar years.

<sup>3</sup> Data are for soluble phosphorus fertilizers and for ground phosphate rock used for direct application.

<sup>4</sup> Including phosphate rock.

Table 149

Consumption of Potassium Fertilizer, Nutrient Content  
Thousand Metric Tons of K<sub>2</sub>O

|                                   | 1960             | 1965   | 1970   | 1971   |
|-----------------------------------|------------------|--------|--------|--------|
| OECD <sup>1</sup>                 |                  |        |        |        |
| United States.....                | 1,967            | 2,922  | 3,839  | 3,918  |
| Japan.....                        | 600              | 607    | 610    | 583    |
| Spain.....                        | 95               | 92     | 206    | 262    |
| European Community.....           | 2,850            | 3,330  | 3,990  | 4,130  |
| France.....                       | 750              | 970    | 1,389  | 1,506  |
| Italy.....                        | 104              | 168    | 225    | 250    |
| United Kingdom.....               | 450              | 436    | 535    | 496    |
| West Germany.....                 | 1,006            | 1,190  | 1,185  | 1,234  |
| Other Countries <sup>2</sup>      |                  |        |        |        |
| Brazil.....                       | 106 <sup>3</sup> | 100    | 306    | 351    |
| India.....                        | 28               | 90     | 228    | 302    |
| Communist Countries <sup>4</sup>  |                  |        |        |        |
| USSR and Eastern Europe.....      | 1,830            | 3,460  | 5,100  | 5,650  |
| USSR.....                         | 766              | 1,891  | 2,574  | 2,804  |
| Eastern Europe.....               | 1,070            | 1,570  | 2,930  | 2,850  |
| Bulgaria.....                     | 6                | 10     | 25     | 48     |
| Czechoslovakia <sup>1</sup> ..... | 191              | 395    | 514    | 569    |
| East Germany <sup>1</sup> .....   | 528              | 588    | 623    | 639    |
| Hungary.....                      | 27               | 53     | 229    | 309    |
| Poland <sup>1</sup> .....         | 311              | 516    | 1,114  | 1,263  |
| Romania.....                      | 3                | 12     | 24     | 22     |
| Far East                          |                  |        |        |        |
| China.....                        | 10*              | 5*     | 15*    | 25*    |
| North Korea.....                  | ....             | Negl.* | Negl.* | Negl.* |
| Other                             |                  |        |        |        |
| Albania.....                      | 1                | 1      | 2      | 2      |
| Yugoslavia.....                   | 103              | 138    | 156    | 162    |

\* An asterisk indicates that the data are CONFIDENTIAL.

<sup>1</sup> Data are for "fertilizer years"—in general, the year beginning 1 July of the stated year.

<sup>2</sup> Unless otherwise indicated, data are for fertilizer years.

<sup>3</sup> Data are for calendar year.

<sup>4</sup> Unless otherwise indicated, data are for calendar years.

# TRANSPORTATION

TRANSPORTATION

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Table 150

Railroad Freight <sup>1</sup>

Billion Metric Ton-Kilometers

|                                   | 1960                 | 1965     | 1970     | 1972     |
|-----------------------------------|----------------------|----------|----------|----------|
| OECD                              |                      |          |          |          |
| United States <sup>2</sup> .....  | 868.47               | 1,052.72 | 1,141.04 | 1,180.00 |
| Canada <sup>2</sup> .....         | 95.55                | 127.09   | 157.97   | 179.41   |
| Japan.....                        | 53.44                | 57.30    | 63.42    | 59.90    |
| European Community.....           | 168                  | 175      | 199      | 183      |
| France.....                       | 56.93                | 64.60    | 70.40    | 68.50    |
| Italy <sup>3</sup> .....          | 15.86                | 15.29    | 17.13    | 16.96    |
| United Kingdom <sup>4</sup> ..... | 30.50 <sup>5 6</sup> | 25.23    | 26.81    | 20.00    |
| West Germany.....                 | 52.27                | 57.13    | 70.27    | 64.20    |
| Other Countries                   |                      |          |          |          |
| India <sup>5 6</sup> .....        | 87.76                | 117.00   | 120.94   | 130.00   |
| South Africa <sup>5 7</sup> ..... | 30.80                | 42.73    | 57.18    | 59.19    |
| Communist Countries               |                      |          |          |          |
| USSR and Eastern Europe.....      | 1,690                | 2,180    | 2,770    | 3,060    |
| USSR.....                         | 1,504.30             | 1,950.20 | 2,494.70 | 2,760.80 |
| Eastern Europe.....               | 182                  | 230      | 274      | 300      |
| Bulgaria.....                     | 6.98                 | 10.78    | 13.86    | 15.83    |
| Czechoslovakia.....               | 43.90                | 53.25    | 55.91    | 60.28    |
| East Germany.....                 | 32.86                | 38.87    | 41.51    | 44.78    |
| Hungary.....                      | 13.31                | 17.28    | 19.81    | 20.05    |
| Poland.....                       | 66.55                | 81.01    | 99.26    | 109.78   |
| Romania.....                      | 18.83                | 28.70    | 43.72    | 49.40    |
| Far East                          |                      |          |          |          |
| China.....                        | 247                  | 213      | 298      | 373      |
| North Korea.....                  | 9.10                 | 10.50    | 14.30    | 15.10    |

<sup>1</sup> Excluding urban systems; plantation, forest, mine, industrial plant, underground, funicular, and cable railways; and short lines of little importance. Unless otherwise indicated, data are for the state or principal railroad system and include all goods and livestock carried during the calendar year and exclude service traffic, mail, and nonrevenue government stores. Freight traffic carried on more than one railroad line within a country is counted only once. Foreign trade freight traffic carried through more than one country, however, is counted in each country. Data for the United States include express and mail and are specifically for revenue and nonrevenue freight traffic for a more realistic comparison with Soviet methods of reporting.

<sup>2</sup> Including secondary or private railroads operating as common carriers.

<sup>3</sup> Excluding livestock.

<sup>4</sup> Excluding data for Northern Ireland.

<sup>5</sup> Including mail and passenger baggage. Data are for the year beginning 1 April of the stated year.

<sup>6</sup> Including service traffic.

<sup>7</sup> Including South-West Africa.

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Table 151

Railroad Freight <sup>1</sup>

Million Metric Tons

|                                   | 1960               | 1965               | 1970    | 1972               |
|-----------------------------------|--------------------|--------------------|---------|--------------------|
| OECD                              |                    |                    |         |                    |
| United States <sup>2</sup> .....  | 1,180.5            | 1,341.7            | 1,426.3 | 1,424.0            |
| Canada <sup>2</sup> .....         | 161.1              | 204.4              | 236.7   | 241.0              |
| European Community                |                    |                    |         |                    |
| France.....                       | 227.0              | 238.7              | 260.0   | 249.0 <sup>3</sup> |
| United Kingdom <sup>4</sup> ..... | 253.1 <sup>2</sup> | 232.4 <sup>2</sup> | 202.0   | 172.0              |
| West Germany <sup>2,5</sup> ..... | 429.2              | 423.1              | 392.6   | 362.5 <sup>3</sup> |
| Communist Countries               |                    |                    |         |                    |
| USSR and Eastern Europe.....      | 2,820              | 3,520              | 4,140   | 4,510              |
| USSR.....                         | 1,884.9            | 2,415.3            | 2,896.0 | 3,171.5            |
| Eastern Europe.....               | 931                | 1,100              | 1,240   | 1,340              |
| Bulgaria.....                     | 38.4               | 56.0               | 68.2    | 72.9               |
| Czechoslovakia.....               | 194.1              | 218.5              | 237.6   | 259.5              |
| East Germany.....                 | 237.8              | 260.4              | 262.9   | 274.4              |
| Hungary <sup>6</sup> .....        | 96.0               | 114.0              | 117.4   | 118.7              |
| Poland.....                       | 286.9              | 341.3              | 382.3   | 415.9              |
| Romania.....                      | 77.5               | 114.4              | 171.3   | 198.0              |
| Far East                          |                    |                    |         |                    |
| China.....                        | 510                | 440                | 615     | 770                |
| North Korea.....                  | 38.5               | 52.5               | 68.0    | 72.0               |

<sup>1</sup> Excluding urban systems; plantation, forest, mine, industrial plant, underground, funicular, and cable railways; and short lines of little importance. Unless otherwise indicated, data are for the state or principal railroad system and include all goods and livestock carried during the calendar year and exclude service traffic, mail, and nonrevenue government stores. Freight traffic carried on more than one railroad line within a country is counted only once. Foreign trade freight traffic carried through more than one country, however, is counted in each country. Data for the United States are in tons originated, thus giving a more realistic comparison with European methods of reporting.

<sup>2</sup> Including secondary or private railroads operating as common carriers.

<sup>3</sup> Data are for 1971.

<sup>4</sup> Including data for Northern Ireland.

<sup>5</sup> Including service traffic.

<sup>6</sup> Including performance of railroads owned jointly by Hungary and Austria within Hungary.

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Table 152

Motor Vehicle Freight

Million Metric Ton-Kilometers

|                                  | 1960    | 1965    | 1970    | 1972    |
|----------------------------------|---------|---------|---------|---------|
| OECD                             |         |         |         |         |
| United States <sup>1</sup> ..... | 473,000 | 589,000 | 676,000 | 730,000 |
| Japan.....                       | 20,800  | 48,400  | 136,000 | 151,000 |
| Communist Countries <sup>2</sup> |         |         |         |         |
| USSR and Eastern Europe.....     | 120,000 | 175,000 | 280,000 | 332,000 |
| USSR.....                        | 98,520  | 143,083 | 220,800 | 261,800 |
| Eastern Europe.....              | 21,000  | 32,400  | 58,800  | 70,300  |
| Bulgaria.....                    | 2,039   | 3,821   | 7,902   | 8,879   |
| Czechoslovakia.....              | 5,108   | 6,975   | 10,094  | 11,900  |
| East Germany.....                | 5,002   | 7,213   | 12,233  | 13,643  |
| Hungary.....                     | 1,580   | 2,726   | 5,820   | 6,800   |
| Poland.....                      | 5,692   | 8,376   | 15,761  | 21,125  |
| Romania.....                     | 1,600   | 3,270   | 6,970   | 8,000   |
| Far East                         |         |         |         |         |
| China.....                       | N.A.    | N.A.    | N.A.    | 12,500  |
| North Korea.....                 | 552     | 765*    | N.A.    | N.A.    |

\*An asterisk indicates that the data are CONFIDENTIAL.

<sup>1</sup> Total traffic for all urban streets and rural roads.

<sup>2</sup> Including traffic by state automotive transport organizations and by cooperatives; branch enterprises; and transport units of industries, plants, offices, and the like.

Table 153

Motor Vehicle Freight <sup>1</sup>

Million Metric Tons Carried

|                              | 1960    | 1965     | 1970     | 1972     |
|------------------------------|---------|----------|----------|----------|
| Communist Countries          |         |          |          |          |
| USSR and Eastern Europe..... | 9,990   | 13,000   | 18,000   | 21,100   |
| USSR.....                    | 8,492.7 | 10,746.0 | 14,622.8 | 17,111.0 |
| Eastern Europe.....          | 1,490   | 2,230    | 3,330    | 3,960    |
| Bulgaria.....                | 128.3   | 281.3    | 492.8    | 573.0    |
| Czechoslovakia.....          | 428.4   | 577.7    | 703.3    | 819.5    |
| East Germany.....            | 270.3   | 345.8    | 464.0    | 517.8    |
| Hungary.....                 | 135.1   | 239.2    | 407.0    | 438.9    |
| Poland.....                  | 408.2   | 569.4    | 862.6    | 1,146.7  |
| Romania.....                 | 123.0   | 218.0    | 399.6    | 467.0    |
| Far East                     |         |          |          |          |
| China.....                   | N.A.    | N.A.     | N.A.     | 356.0    |
| North Korea.....             | 78.6    | 116.0*   | N.A.     | N.A.     |

\*An asterisk indicates that the data are CONFIDENTIAL.

<sup>1</sup> Including traffic by state automotive transport organizations and by cooperatives; branch enterprises; and transport units of industries, plants, offices, and the like.

Table 154

| Inland Water Freight             |  | Million Metric Ton-Kilometers |         |         |                     |
|----------------------------------|--|-------------------------------|---------|---------|---------------------|
|                                  |  | 1960                          | 1965    | 1970    | 1972                |
| OECD                             |  |                               |         |         |                     |
| United States <sup>1</sup> ..... |  | 123,000                       | 162,553 | 229,209 | 248,000             |
| European Community               |  |                               |         |         |                     |
| France.....                      |  | 10,773                        | 12,510  | 14,183  | 13,773 <sup>2</sup> |
| Netherlands.....                 |  | 20,020                        | 24,070  | 30,743  | 30,429 <sup>2</sup> |
| West Germany.....                |  | 40,390                        | 43,308  | 48,813  | 44,991 <sup>2</sup> |
| Communist Countries              |  |                               |         |         |                     |
| USSR and Eastern Europe.....     |  | 107,000                       | 143,000 | 186,000 | 192,000             |
| USSR.....                        |  | 99,602                        | 133,928 | 173,984 | 180,200             |
| Eastern Europe.....              |  | 7,320                         | 9,070   | 11,600  | 12,300              |
| Bulgaria.....                    |  | 615                           | 1,062   | 1,832   | 2,072               |
| Czechoslovakia.....              |  | 1,962                         | 2,172   | 2,434   | 2,626               |
| East Germany.....                |  | 1,901                         | 1,859   | 2,114   | 2,012               |
| Hungary.....                     |  | 1,078                         | 1,344   | 1,596   | 1,750               |
| Poland.....                      |  | 904                           | 1,409   | 2,295   | 2,525               |
| Romania.....                     |  | 865                           | 1,222   | 1,346   | 1,300               |

<sup>1</sup> Internal, intraport, and local water traffic, excluding Great Lakes traffic. For 1971, coastwise and foreign trade traffic within US waters together amounted to 69 billion metric ton-kilometers. In the same year, traffic on the Great Lakes amounted to 104 billion metric ton-kilometers of domestic trade and 50 billion metric ton-kilometers of US foreign trade.

<sup>2</sup> Data are for 1971.

Table 155

| Inland Water Freight             |  | Million Metric Tons Carried |        |        |                     |
|----------------------------------|--|-----------------------------|--------|--------|---------------------|
|                                  |  | 1960                        | 1965   | 1970   | 1972                |
| OECD                             |  |                             |        |        |                     |
| United States <sup>1</sup> ..... |  | 358.56                      | 428.63 | 502.22 | 518.00              |
| European Community               |  |                             |        |        |                     |
| France.....                      |  | 68.05                       | 89.76  | 110.35 | 106.60 <sup>2</sup> |
| Netherlands.....                 |  | 149.67                      | 193.99 | 241.44 | 245.46 <sup>2</sup> |
| West Germany.....                |  | 171.36                      | 195.69 | 240.00 | 229.98 <sup>2</sup> |
| Communist Countries              |  |                             |        |        |                     |
| USSR and Eastern Europe.....     |  | 234                         | 297    | 395    | 435                 |
| USSR.....                        |  | 210.32                      | 269.44 | 357.76 | 395.30              |
| Eastern Europe.....              |  | 23.8                        | 27.6   | 36.8   | 39.8                |
| Bulgaria.....                    |  | 1.56                        | 2.32   | 3.69   | 3.90                |
| Czechoslovakia.....              |  | 3.53                        | 4.06   | 4.46   | 4.87                |
| East Germany.....                |  | 11.50                       | 11.30  | 13.66  | 13.24               |
| Hungary.....                     |  | 2.30                        | 2.40   | 2.80   | 2.90                |
| Poland.....                      |  | 2.95                        | 4.68   | 8.84   | 10.87               |
| Romania.....                     |  | 1.91                        | 2.87   | 3.40   | 4.00                |

<sup>1</sup> Internal, intraport, and local water traffic, excluding Great Lakes traffic.

<sup>2</sup> Data are for 1971.

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Table 156

## Air Passenger Traffic

Billion Passenger-Kilometers

|                                   | 1960  | 1965   | 1970   | 1972               |
|-----------------------------------|-------|--------|--------|--------------------|
| OECD                              |       |        |        |                    |
| United States <sup>1</sup> .....  | 62.54 | 110.52 | 211.97 | 245.27             |
| Canada.....                       | 4.27  | 7.56   | 15.40  | 15.46 <sup>2</sup> |
| Japan.....                        | 1.05  | 4.59   | 16.43  | 16.50 <sup>2</sup> |
| European Community                |       |        |        |                    |
| France.....                       | 5.23  | 7.51   | 13.59  | 14.02 <sup>2</sup> |
| United Kingdom <sup>3</sup> ..... | 7.32  | 12.49  | 18.95  | 20.35 <sup>2</sup> |
| Communist Countries               |       |        |        |                    |
| USSR.....                         | 12.10 | 38.10  | 78.20  | 95.90              |

<sup>1</sup> Revenue passenger-kilometers flown on scheduled service of certificated route air carriers.<sup>2</sup> Data are for 1971.<sup>3</sup> Including data for airlines based in UK territories and dependencies.

Table 157

Air Freight <sup>1</sup>

Million Metric Ton-Kilometers

|                                  | 1960  | 1965  | 1970  | 1972             |
|----------------------------------|-------|-------|-------|------------------|
| OECD                             |       |       |       |                  |
| United States <sup>2</sup> ..... | 1,377 | 3,363 | 7,277 | 8,022            |
| Canada.....                      | 66    | 155   | 425   | 486 <sup>3</sup> |
| Japan.....                       | 24    | 114   | 426   | 512 <sup>3</sup> |
| European Community               |       |       |       |                  |
| France.....                      | 152   | 232   | 542   | 556 <sup>3</sup> |
| Netherlands.....                 | 117   | 212   | 393   | 428 <sup>3</sup> |
| United Kingdom.....              | 181   | 370   | 608   | 656 <sup>3</sup> |
| West Germany.....                | 41    | 157   | 523   | 574 <sup>3</sup> |
| Communist Countries              |       |       |       |                  |
| USSR.....                        | 563   | 1,338 | 1,887 | 2,189            |

<sup>1</sup> Express, freight, and mail traffic.<sup>2</sup> Revenue ton-kilometers flown on scheduled service of certificated route air carriers.<sup>3</sup> Data are for 1971.

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Table 158  
Ocean Freight <sup>1</sup>

Million Metric Ton-Kilometers

|                                     | 1960    | 1965    | 1970    | 1972                |
|-------------------------------------|---------|---------|---------|---------------------|
| Communist Countries                 |         |         |         |                     |
| USSR and Eastern Europe . . . . .   | 188,000 | 501,000 | 921,000 | N.A.                |
| USSR <sup>2</sup> . . . . .         | 131,500 | 388,800 | 656,100 | 698,200             |
| Eastern Europe . . . . .            | 56,700  | 113,000 | 264,000 | N.A.                |
| Bulgaria <sup>3</sup> . . . . .     | 2,540   | 9,064   | 38,949  | 35,260              |
| Czechoslovakia . . . . .            | 7,472   | 8,261   | 10,502  | 12,157 <sup>4</sup> |
| East Germany <sup>3</sup> . . . . . | 10,518  | 30,204  | 69,721  | 70,636              |
| Hungary <sup>5</sup> . . . . .      | 230     | 338     | 1,120   | N.A.                |
| Poland <sup>3 6</sup> . . . . .     | 34,828  | 56,381  | 106,620 | 151,098             |
| Romania . . . . .                   | 1,065   | 8,368   | 37,490  | 42,579 <sup>4</sup> |
| Far East                            |         |         |         |                     |
| North Korea <sup>7</sup> . . . . .  | 135     | 283*    | N.A.    | N.A.                |
| Other                               |         |         |         |                     |
| Albania <sup>3</sup> . . . . .      | 269     | 977     | N.A.    | N.A.                |

\*An asterisk indicates that the data are CONFIDENTIAL.

<sup>1</sup> Unless otherwise indicated, data are for international shipping and include the performance of ships of less than 1,000 gross register tons.

<sup>2</sup> Including Caspian Sea, Danube River, and domestic coastal and intercoastal traffic.

<sup>3</sup> Including coastal traffic.

<sup>4</sup> Data are for 1971.

<sup>5</sup> Including Danube River traffic.

<sup>6</sup> Possibly excluding the performance of some ships flying the Polish flag but under the control of the Chinese-Polish Shipbrokers Corporation. At the end of 1972 there were 16 of these ships, totaling 200,525 deadweight tons.

<sup>7</sup> Including both modern coastal and inland water traffic.

Table 159

Petroleum Pipeline Transportation

Billion Metric Ton-Kilometers

|                              | 1960  | 1965  | 1970  | 1972             |
|------------------------------|-------|-------|-------|------------------|
| United States.....           | 333.8 | 447.3 | 629.2 | 667.2            |
| Communist Countries          |       |       |       |                  |
| USSR and Eastern Europe..... | N.A.  | 155   | 300   | 397              |
| USSR.....                    | 51.2  | 146.7 | 281.7 | 375.8            |
| Eastern Europe.....          | N.A.  | 7.9   | 18.1  | 21.3             |
| Czechoslovakia.....          | N.A.  | 3.2   | 6.4   | 7.5              |
| East Germany.....            | ....  | 0.1   | 2.2   | 2.5 <sup>1</sup> |
| Hungary.....                 | 0.1   | 0.3   | 0.7   | 1.1              |
| Poland.....                  | N.A.  | 3.2   | 7.0   | 8.0              |
| Romania.....                 | 1.0   | 1.1   | 1.8   | 2.2 <sup>1</sup> |

<sup>1</sup> Data are for 1971.

Table 160

Petroleum Pipeline Transportation

Billion Metric Tons Carried

|                                  | 1960  | 1965  | 1970  | 1972              |
|----------------------------------|-------|-------|-------|-------------------|
| United States <sup>1</sup> ..... | 414.7 | 554.9 | 784.6 | 805.0             |
| Communist Countries              |       |       |       |                   |
| USSR and Eastern Europe.....     | N.A.  | 254   | 402   | 465               |
| USSR.....                        | 129.9 | 225.7 | 339.9 | 388.4             |
| Eastern Europe.....              | N.A.  | 28.1  | 61.7  | 76.8              |
| Czechoslovakia.....              | N.A.  | 7.0   | 13.4  | 17.0              |
| East Germany.....                | ....  | 3.8   | 15.3  | 17.6 <sup>2</sup> |
| Hungary.....                     | 1.2   | 3.8   | 6.3   | 9.2               |
| Poland.....                      | N.A.  | 6.1   | 15.4  | 19.5              |
| Romania.....                     | 5.6   | 7.4   | 11.3  | 13.5              |

<sup>1</sup> Data are for tons originated, thus giving a more realistic comparison with the Communist countries.

<sup>2</sup> Data are for 1971.

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**Table 161**  
**Production of Mainline Locomotives <sup>1</sup>**

|                                  | Units           |                  |       |       |
|----------------------------------|-----------------|------------------|-------|-------|
|                                  | 1960            | 1965             | 1970  | 1972  |
| OECD                             |                 |                  |       |       |
| United States <sup>2</sup> ..... | 886             | 1,793            | 1,113 | N.A.  |
| European Community               |                 |                  |       |       |
| France.....                      | 311             | 293              | 203   | 156   |
| Italy <sup>3</sup> .....         | 150             | 141              | 53    | 140   |
| West Germany.....                | 1,231           | 947              | 402   | 465   |
| Communist Countries <sup>5</sup> |                 |                  |       |       |
| USSR and Eastern Europe          |                 |                  |       |       |
| USSR.....                        | 1,699           | 2,126            | 1,808 | 1,839 |
| Eastern Europe                   |                 |                  |       |       |
| Czechoslovakia.....              | 290             | 481              | 500   | 500   |
| East Germany.....                | 5               | 240              | 150   | N.A.  |
| Hungary <sup>6</sup> .....       | ....            | 57               | 52    | N.A.  |
| Poland <sup>6</sup> .....        | 182             | 391              | 426   | 385   |
| Romania.....                     | 10 <sup>7</sup> | 110 <sup>7</sup> | 265   | 286   |
| Far East                         |                 |                  |       |       |
| China <sup>8</sup> .....         | 600             | 50               | 280   | 220*  |
| North Korea <sup>8</sup> .....   | ....            | 21*              | 25*   | 30*   |

\* An asterisk indicates that the data are CONFIDENTIAL.

<sup>1</sup> Unless otherwise indicated, data are for diesel, diesel-electric, and electric railroad locomotives of 1,000 horsepower or more.

<sup>2</sup> Data are for locomotive units, delivered domestically and exported, that are substantially new but also may include a limited amount of used equipment.

<sup>3</sup> Electric locomotives only.

<sup>4</sup> Production for the government only. Data include rail motor vehicles.

<sup>5</sup> Including diesel and diesel-electric locomotives of 750 horsepower or more.

<sup>6</sup> Excluding narrow-gauge locomotives.

<sup>7</sup> Diesel locomotives only.

<sup>8</sup> Including steam locomotives through 1970. Steam locomotive production was phased out in 1971. Production of diesel locomotives began in 1965.

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Table 162

## Production of Mainline Diesel Locomotives

|                                  | Units |       |       |       |
|----------------------------------|-------|-------|-------|-------|
|                                  | 1960  | 1965  | 1970  | 1972  |
| OECD <sup>1</sup>                |       |       |       |       |
| United States <sup>2</sup> ..... | 885   | 1,793 | 1,113 | N.A.  |
| European Community               |       |       |       |       |
| France.....                      | 143   | 209   | 152   | 60    |
| West Germany.....                | 1,110 | 681   | 300   | 350   |
| Communist Countries <sup>3</sup> |       |       |       |       |
| USSR and Eastern Europe          |       |       |       |       |
| USSR.....                        | 1,303 | 1,485 | 1,485 | 1,488 |
| Eastern Europe                   |       |       |       |       |
| Czechoslovakia.....              | 121   | 237   | 351   | 340   |
| East Germany.....                | 3     | 185   | 128   | N.A.  |
| Hungary.....                     | ....  | 40    | 30    | N.A.  |
| Poland.....                      | 144   | 319   | 351   | 300   |
| Romania.....                     | 10    | 110   | 231   | 249   |
| Far East                         |       |       |       |       |
| China.....                       | ....  | 30*   | 180*  | 220*  |

\*An asterisk indicates that the data are CONFIDENTIAL.

<sup>1</sup> Including diesel and diesel-electric locomotives of 1,000 horsepower or more.

<sup>2</sup> Data are for locomotive units, delivered domestically and exported, that are substantially new but also may include a limited amount of used equipment.

<sup>3</sup> Including diesel and diesel-electric locomotives of 750 horsepower or more.

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Table 163

Production of Mainline Electric Locomotives <sup>1</sup>

|                            | Units |      |      |      |
|----------------------------|-------|------|------|------|
|                            | 1960  | 1965 | 1970 | 1972 |
| OECD                       |       |      |      |      |
| United States.....         | 1     | .... | .... | .... |
| European Community         |       |      |      |      |
| France.....                | 168   | 84   | 51   | 96   |
| Italy <sup>2</sup> .....   | 150   | 141  | 53   | 140  |
| West Germany.....          | 121   | 266  | 102  | 115  |
| Communist Countries        |       |      |      |      |
| USSR and Eastern Europe    |       |      |      |      |
| USSR.....                  | 396   | 641  | 323  | 351  |
| Eastern Europe             |       |      |      |      |
| Czechoslovakia.....        | 169   | 244  | 149  | 160  |
| East Germany.....          | 2     | 55   | 22   | N.A. |
| Hungary <sup>3</sup> ..... | ....  | 17   | 22   | N.A. |
| Poland <sup>3</sup> .....  | 38    | 72   | 75   | 85   |
| Romania.....               | N.A.  | N.A. | 34   | 37   |
| Far East                   |       |      |      |      |
| China.....                 | 2*    | .... | 5*   | 5*   |
| North Korea.....           | ....  | 21*  | 25*  | 30*  |

\*An asterisk indicates that the data are CONFIDENTIAL.

<sup>1</sup> Unless otherwise indicated, data are for electric locomotives of 1,000 horsepower or more.<sup>2</sup> Production for the government only. Data include rail motor vehicles.<sup>3</sup> Excluding narrow-gauge locomotives.

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Table 164

Production of Railroad Freight Cars <sup>1</sup>

|                                  | Thousand Units |       |       |       |
|----------------------------------|----------------|-------|-------|-------|
|                                  | 1960           | 1965  | 1970  | 1972  |
| OECD                             |                |       |       |       |
| United States <sup>2</sup> ..... | 57.31          | 77.90 | 66.18 | 47.46 |
| European Community               |                |       |       |       |
| France.....                      | 7.93           | 15.04 | 14.23 | 20.41 |
| West Germany.....                | 6.63           | 11.31 | 9.60  | 7.00  |
| Other Countries                  |                |       |       |       |
| India.....                       | 11.90          | 33.50 | 11.98 | 10.37 |
| Communist Countries              |                |       |       |       |
| USSR and Eastern Europe.....     | 64.9           | 73.1  | 97.4  | 109   |
| USSR.....                        | 36.40          | 39.60 | 58.28 | 68.90 |
| Eastern Europe.....              | 28.5           | 33.5  | 39.2  | 39.9  |
| Bulgaria.....                    | 2.01           | 1.58  | 1.99  | 1.88  |
| Czechoslovakia.....              | 5.15           | 4.30  | 4.35  | 4.70  |
| East Germany.....                | 2.38           | 2.17  | 5.71  | 4.40  |
| Hungary.....                     | 0.45           | 0.55  | 0.50  | 0.40  |
| Poland.....                      | 13.89          | 16.29 | 15.46 | 16.00 |
| Romania.....                     | 4.62           | 8.58  | 11.16 | 12.50 |
| Far East                         |                |       |       |       |
| China.....                       | 23.0           | 6.6   | 12.0  | 15.0  |
| North Korea.....                 | 0.6*           | 1.6*  | 3.5*  | 4.4*  |
| Other                            |                |       |       |       |
| Yugoslavia.....                  | 3.42           | 4.85  | 2.61  | N.A.  |

\*An asterisk indicates that the data are CONFIDENTIAL.

<sup>1</sup> Units of two, four, or more axles. The majority of the production now consists of four-axle units.

<sup>2</sup> Shipments.

Table 165

Inventory of Civil Aircraft <sup>1</sup>

|  | Units |      |        |        |
|--|-------|------|--------|--------|
|  | 1960  | 1965 | 1970   | 1972   |
| United States <sup>2</sup>               |       |      |        |        |
| Jet.....                                 | 202   | 725  | 2,136  | 2,118  |
| Turboprop.....                           | 230   | 312  | 374    | 318    |
| Transport helicopters <sup>3</sup> ..... | N.A.  | N.A. | 180    | 185    |
| USSR                                     |       |      |        |        |
| Jet.....                                 | 190*  | 230* | 440*   | 628*   |
| Turboprop.....                           | 180*  | 560* | 1,190* | 1,297* |
| Transport helicopters <sup>3</sup> ..... | 225*  | 630* | 900*   | 1,150* |

\*An asterisk indicates that the data are CONFIDENTIAL.

<sup>1</sup> Data are as of the end of the year and exclude light aircraft.

<sup>2</sup> Including all aircraft that perform commercial for-hire operations.

<sup>3</sup> Capacity of 12 or more passengers.

Table 166

Inventory of Mainline Locomotives <sup>1</sup>

|                                  | Units   |         |         |                     |
|----------------------------------|---------|---------|---------|---------------------|
|                                  | 1960    | 1965    | 1970    | 1972                |
| OECD                             |         |         |         |                     |
| United States <sup>2</sup> ..... | 31,178  | 30,061  | 29,122  | 29,300              |
| Austria.....                     | 1,482   | 1,398   | 1,338   | 1,324 <sup>3</sup>  |
| Spain.....                       | 3,637   | 3,385   | 1,978   | 1,757 <sup>3</sup>  |
| Sweden.....                      | 1,885   | 1,655   | 1,669   | 1,619 <sup>3</sup>  |
| Switzerland.....                 | 1,100   | 1,192   | 1,402   | 1,439 <sup>3</sup>  |
| European Community.....          | 43,000  | 32,400  | 25,400  | 24,900 <sup>3</sup> |
| France.....                      | 7,963   | 7,360   | 6,072   | 6,028 <sup>3</sup>  |
| Italy.....                       | 5,282   | 4,470   | 3,871   | 3,855 <sup>3</sup>  |
| United Kingdom.....              | 16,047  | 8,107   | 4,458   | 4,080 <sup>3</sup>  |
| West Germany.....                | 10,442  | 9,592   | 8,536   | 8,483 <sup>3</sup>  |
| Communist Countries              |         |         |         |                     |
| USSR and Eastern Europe.....     | 55,800* | 49,800* | 48,500* | 47,500*             |
| USSR.....                        | 34,000  | 26,900  | 28,900  | 30,200              |
| Eastern Europe.....              | 21,800* | 22,900* | 19,600* | 17,300*             |
| Bulgaria.....                    | 635*    | 730*    | 680*    | 620*                |
| Czechoslovakia.....              | 5,230   | 5,520   | 4,595   | 4,200               |
| East Germany.....                | 6,000*  | 6,000*  | 5,000*  | 4,600*              |
| Hungary.....                     | 2,460*  | 2,550*  | 2,030*  | 1,600*              |
| Poland.....                      | 5,800   | 6,330   | 5,800   | 5,150               |
| Romania.....                     | 1,720*  | 1,780*  | 1,500*  | 1,100*              |
| Far East                         |         |         |         |                     |
| China.....                       | 5,900*  | 5,400*  | 5,900*  | 6,100*              |
| North Korea.....                 | 350*    | 395*    | 490*    | 530*                |
| North Vietnam.....               | 70*     | 120*    | N.A.    | N.A.                |

\*An asterisk indicates that the data are CONFIDENTIAL.

<sup>1</sup> Unless otherwise indicated, data are for the state or principal railroad system and include diesel, diesel-electric, steam, and electric locomotives. Data are as of the end of the year.

<sup>2</sup> Data include secondary or private railroads operating as common carriers.

<sup>3</sup> Data are for 1971.

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Table 167

Inventory of Railroad Freight Cars <sup>1</sup>

Thousand Units

|                                     | 1960    | 1965    | 1970              | 1972               |
|-------------------------------------|---------|---------|-------------------|--------------------|
| OECD                                |         |         |                   |                    |
| United States <sup>2 3</sup> .....  | 1,945.7 | 1,806.2 | 1,803.7           | 1,740.0            |
| European Community                  |         |         |                   |                    |
| France.....                         | 362.2   | 362.3   | 302.4             | 304.6 <sup>4</sup> |
| United Kingdom <sup>3 5</sup> ..... | 956.0   | 605.6   | 384.2             | 317.2 <sup>4</sup> |
| West Germany.....                   | 309.6   | 329.5   | 325.2             | 332.6 <sup>4</sup> |
| Communist Countries                 |         |         |                   |                    |
| USSR and Eastern Europe             |         |         |                   |                    |
| USSR.....                           | 949.0   | 1,030.0 | 1,140.0           | 1,220.0            |
| Eastern Europe                      |         |         |                   |                    |
| Bulgaria.....                       | 22.0    | 33.0    | 37.8              | 40.8               |
| Czechoslovakia.....                 | 129.3   | 136.1   | 135.8             | 133.2              |
| East Germany.....                   | 154.3   | 152.0   | 150.0             | 152.0              |
| Hungary.....                        | 62.0    | 73.4    | 71.4              | 71.5               |
| Poland.....                         | 249.0   | 263.9   | 274.3             | 283.9              |
| Romania.....                        | 55.5    | 68.6    | 86.0              | 92.0               |
| Far East                            |         |         |                   |                    |
| China <sup>6</sup> .....            | 132*    | 143*    | 175* <sup>7</sup> | 197* <sup>7</sup>  |
| North Korea <sup>6</sup> .....      | 10.4*   | 15.2*   | 23.8*             | 31.0*              |
| North Vietnam.....                  | 1.0*    | 1.6*    | N.A.              | N.A.               |

\*An asterisk indicates that the data are CONFIDENTIAL.

<sup>1</sup> Units of two, four, or more axles. Unless otherwise indicated, data refer to both state and private ownership of cars used on the state or principal railroad system. Data are as of the end of the year.

<sup>2</sup> Units of four or more axles.

<sup>3</sup> Including secondary or private railroads operating as common carriers.

<sup>4</sup> Data are for 1971.

<sup>5</sup> Excluding privately owned tank cars and including data for Northern Ireland.

<sup>6</sup> The majority are four-axle units.

<sup>7</sup> Including Chinese freight cars in transit or on loan to North Vietnam.

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Table 168

Inventory of Civilian Trucks <sup>1</sup>

Thousand Units

|                                     | 1960   | 1965   | 1970   | 1972               |
|-------------------------------------|--------|--------|--------|--------------------|
| OECD                                |        |        |        |                    |
| United States <sup>2</sup> .....    | 11,329 | 14,035 | 17,789 | 20,000             |
| Canada.....                         | 1,039  | 1,206  | 1,440  | N.A.               |
| European Community                  |        |        |        |                    |
| France.....                         | 1,597  | 2,134  | 2,678  | 2,849 <sup>3</sup> |
| United Kingdom <sup>4 5</sup> ..... | 1,442  | 1,710  | 1,621  | 1,624 <sup>3</sup> |
| West Germany <sup>6</sup> .....     | 687    | 975    | 1,141  | 1,204 <sup>3</sup> |
| Communist Countries                 |        |        |        |                    |
| USSR and Eastern Europe.....        | 3,590  | 4,590  | 5,730  | 6,570              |
| USSR.....                           | 3,100  | 3,900  | 4,700  | 5,400              |
| Eastern Europe.....                 | 489    | 690    | 1,030  | 1,170              |
| Bulgaria.....                       | 68     | 95     | 115    | 125                |
| Czechoslovakia.....                 | 90     | 122    | 199    | 250                |
| East Germany.....                   | 132    | 166    | 229    | 260                |
| Hungary.....                        | 26     | 42     | 86     | 90                 |
| Poland.....                         | 120    | 183    | 263    | 292                |
| Romania.....                        | 53     | 82     | 139    | 150                |
| Far East                            |        |        |        |                    |
| China <sup>7</sup> .....            | 154*   | 230*   | 434*   | 590*               |
| North Korea <sup>7</sup> .....      | 17     | 30*    | 55*    | 73*                |

\*An asterisk indicates that the data are CONFIDENTIAL.

<sup>1</sup> Unless otherwise indicated, data are as of the end of the year and include wheeled tractors for road haulage and exclude military trucks of all types.

<sup>2</sup> Data are for the number of registrations of privately owned trucks and include duplications when trucks are registered in more than one state.

<sup>3</sup> Data are for 1971.

<sup>4</sup> Including data for Northern Ireland.

<sup>5</sup> As of 1 October of the stated year.

<sup>6</sup> As of 1 July of the stated year.

<sup>7</sup> Including both military and civilian trucks.

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Table 169

Inventory of Merchant Fleet <sup>1</sup>

|                                   | 1960   |              | 1965   |              | 1970   |              | 1972   |              |
|-----------------------------------|--------|--------------|--------|--------------|--------|--------------|--------|--------------|
|                                   | Number | Thousand GRT | Number | Thousand GRT | Number | Thousand GRT | Number | Thousand GRT |
| OECD <sup>2</sup> .....           | 13,000 | 92,100       | 12,400 | 104,000      | 12,100 | 131,000      | 12,000 | 152,000      |
| United States <sup>3</sup> .....  | 2,960  | 23,870       | 2,449  | 21,203       | 1,780  | 16,918       | 1,233  | 13,467       |
| Greece <sup>4</sup> .....         | 530    | 4,095        | 880    | 6,980        | 1,137  | 10,645       | 1,463  | 14,796       |
| Japan.....                        | 985    | 6,030        | 1,301  | 9,771        | 1,996  | 22,324       | 2,217  | 30,154       |
| Norway.....                       | 1,346  | 10,708       | 1,372  | 14,937       | 1,164  | 18,326       | 1,190  | 22,205       |
| Sweden.....                       | 567    | 3,449        | 457    | 3,979        | 379    | 4,617        | 345    | 5,264        |
| European Community.....           | 5,630  | 39,800       | 4,970  | 42,200       | 4,630  | 51,600       | 4,460  | 58,000       |
| France.....                       | 635    | 4,472        | 561    | 4,790        | 462    | 6,063        | 448    | 7,282        |
| Italy.....                        | 669    | 4,758        | 590    | 5,246        | 619    | 6,680        | 623    | 7,359        |
| United Kingdom.....               | 2,446  | 19,370       | 2,056  | 19,680       | 1,786  | 23,194       | 1,686  | 26,341       |
| West Germany.....                 | 869    | 4,137        | 833    | 4,865        | 936    | 6,941        | 885    | 7,816        |
| Other Countries <sup>2</sup>      |        |              |        |              |        |              |        |              |
| Liberia.....                      | 946    | 11,308       | 1,240  | 17,424       | 1,754  | 32,406       | 2,101  | 43,056       |
| Panama.....                       | 520    | 4,196        | 547    | 4,393        | 615    | 5,615        | 805    | 6,819        |
| Communist Countries               |        |              |        |              |        |              |        |              |
| USSR and Eastern Europe.....      | 1,020* | 4,220*       | 1,660* | 8,960*       | 2,320* | 13,900*      | 2,470* | 15,300*      |
| USSR <sup>5</sup> .....           | 829*   | 3,283*       | 1,284* | 6,906*       | 1,793* | 10,450*      | 1,904* | 11,256*      |
| Eastern Europe.....               | 189    | 932          | 376    | 2,060        | 530*   | 3,470*       | 570*   | 4,000*       |
| Bulgaria <sup>6</sup> .....       | 15     | 46           | 61     | 381          | 102*   | 634*         | 99*    | 665*         |
| Czechoslovakia <sup>7</sup> ..... | 11     | 85           | 10     | 74           | 12*    | 98*          | 13*    | 117*         |
| East Germany.....                 | 29     | 174          | 95     | 593          | 126*   | 936*         | 133*   | 1,021*       |
| Hungary.....                      | 8      | 10           | 16     | 20           | 16*    | 28*          | 18*    | 33*          |
| Poland <sup>8</sup> .....         | 119    | 585          | 164    | 865          | 227*   | 1,443*       | 250*   | 1,773*       |
| Romania.....                      | 7      | 32           | 30     | 124          | 47*    | 335*         | 57*    | 395*         |
| Far East                          |        |              |        |              |        |              |        |              |
| North Korea.....                  | ....   | ....         | 2      | 3            | 5*     | 17*          | 7*     | 30*          |
| North Vietnam.....                | ....   | ....         | 2*     | 5*           | 6*     | 14*          | 6*     | 14*          |
| Other                             |        |              |        |              |        |              |        |              |
| Albania <sup>9</sup> .....        | 4      | 8            | 8      | 33           | 11*    | 54*          | 11*    | 54*          |
| Cuba <sup>10</sup> .....          | 28     | 89           | 29     | 128          | 52*    | 315*         | 63*    | 371*         |
| Yugoslavia <sup>10</sup> .....    | 130    | 617          | 174    | 933          | 190*   | 1,472*       | 194*   | 1,530*       |

\*An asterisk indicates that the data are CONFIDENTIAL.

<sup>1</sup> Ships of 1,000 gross register tons (GRT) or more. Unless otherwise indicated, data are as of the end of the year. Data for the non-Communist countries include all combination passenger and cargo ships, whereas, unless otherwise indicated, those for the Communist countries exclude passenger ships that have small cargo capacities.<sup>2</sup> Data are as of midyear.<sup>3</sup> Excluding ships operating only on the Great Lakes and US-owned ships flying the Liberian, Panamanian, and other "flags of convenience."<sup>4</sup> Excluding Greek-owned ships flying the Liberian, Panamanian, and other "flags of convenience."<sup>5</sup> Excluding the Caspian Sea Fleet and including tankers assigned to the Ministry of the Fishing Industry.<sup>6</sup> Before August 1968, a few additional Bulgarian-owned ships were operated under the flags of non-Communist countries.<sup>7</sup> Until March 1967, an undetermined number of Czechoslovak-flag ships were jointly owned with China.<sup>8</sup> Including some ships flying the Polish flag but under the control of the Chinese-Polish Shipbrokers Corporation. At the end of 1972, there were 16 of these ships, totaling 149,300 GRT.<sup>9</sup> Except for 1960, data include a number of ships jointly owned by the Chinese-Albanian Joint Stock Shipping Company. At the end of 1972 there were three of these ships, totaling 27,007 GRT.<sup>10</sup> Data are as of midyear for 1960 and 1965.

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Table 170  
Inventory of Tanker Fleet <sup>1</sup>

|                              | 1960   |              | 1965   |              | 1970   |              | 1972   |              |
|------------------------------|--------|--------------|--------|--------------|--------|--------------|--------|--------------|
|                              | Number | Thousand GRT | Number | Thousand GRT | Number | Thousand GRT | Number | Thousand GRT |
| OECD <sup>2</sup>            | 2,460  | 28,800       | 2,350  | 36,600       | 2,480  | 52,800       | 2,640  | 65,600       |
| United States <sup>3</sup>   | 428    | 4,910        | 351    | 4,762        | 301    | 4,652        | 283    | 4,700        |
| Greece <sup>4</sup>          | 57     | 798          | 114    | 1,753        | 200    | 3,879        | 245    | 5,227        |
| Japan                        | 124    | 1,444        | 222    | 3,592        | 356    | 8,519        | 419    | 12,402       |
| Norway                       | 508    | 6,215        | 478    | 8,312        | 355    | 8,952        | 370    | 10,796       |
| Spain                        | 51     | 413          | 66     | 618          | 106    | 1,421        | 107    | 1,772        |
| Sweden                       | 100    | 1,244        | 76     | 1,321        | 79     | 1,659        | 80     | 2,114        |
| European Community           | 1,140  | 13,200       | 957    | 15,400       | 973    | 22,400       | 1,020  | 27,100       |
| Denmark                      | 64     | 822          | 56     | 972          | 56     | 1,340        | 59     | 1,745        |
| France                       | 142    | 1,837        | 156    | 2,302        | 140    | 3,537        | 134    | 4,575        |
| Italy                        | 147    | 1,537        | 146    | 1,951        | 188    | 2,697        | 205    | 3,150        |
| Netherlands                  | 115    | 1,348        | 94     | 1,535        | 92     | 1,998        | 88     | 1,954        |
| United Kingdom               | 607    | 6,869        | 440    | 7,517        | 431    | 11,127       | 445    | 13,455       |
| West Germany                 | 47     | 564          | 47     | 835          | 52     | 1,364        | 70     | 1,918        |
| Other Countries <sup>2</sup> |        |              |        |              |        |              |        |              |
| Liberia                      | 408    | 7,179        | 507    | 10,701       | 718    | 19,100       | 797    | 24,840       |
| Panama                       | 183    | 2,445        | 145    | 2,429        | 174    | 3,377        | 192    | 3,746        |
| Communist Countries          |        |              |        |              |        |              |        |              |
| USSR and Eastern Europe      | 140*   | 923*         | 234*   | 2,500*       | 342*   | 3,640*       | 360*   | 3,810*       |
| USSR <sup>5</sup>            | 128*   | 820*         | 205*   | 2,204*       | 307*   | 3,166*       | 323*   | 3,262*       |
| Eastern Europe               | 12     | 103          | 29     | 300          | 35*    | 473*         | 37*    | 544*         |
| Bulgaria                     | 2      | 10           | 12     | 118          | 17*    | 165*         | 18*    | 203*         |
| Czechoslovakia               | 1      | 13           | ....   | ....         | ....   | ....         | ....   | ....         |
| East Germany                 | 4      | 33           | 10     | 94           | 9*     | 176*         | 12*    | 232*         |
| Poland                       | 5      | 47           | 5      | 63           | 5*     | 63*          | 4*     | 52*          |
| Romania                      | ....   | ....         | 2      | 25           | 4*     | 69*          | 3*     | 57*          |
| Far East                     |        |              |        |              |        |              |        |              |
| North Vietnam                | ....   | ....         | ....   | ....         | 3*     | 8*           | 3*     | 8*           |
| Other                        |        |              |        |              |        |              |        |              |
| Cuba <sup>6</sup>            | 2      | 3            | 2      | 5            | 5*     | 31*          | 7*     | 53*          |
| Yugoslavia <sup>6</sup>      | 6      | 40           | 11     | 64           | 17*    | 228*         | 17*    | 230*         |

\* An asterisk indicates that the data are CONFIDENTIAL.

<sup>1</sup> Tankers and whaling tankers of 1,000 gross register tons (GRT) or more. Unless otherwise indicated, data are as of the end of the year.

<sup>2</sup> Data are as of midyear.

<sup>3</sup> Excluding ships operating only on the Great Lakes and US-owned ships flying the Liberian, Panamanian, and other "flags of convenience."

<sup>4</sup> Excluding Greek-owned ships flying the Liberian, Panamanian, and other "flags of convenience."

<sup>5</sup> Excluding the Caspian Sea Fleet and including tankers assigned to the Ministry of the Fishing Industry.

<sup>6</sup> Data are as of midyear for 1960 and 1965.

ALL DATA IN THIS TABLE ARE CONFIDENTIAL

Table 171

**Military Capacities of Selected Ports**  
**Unloading Capacity in Metric Tons, Based on a 20-Hour Day**

**Non-Communist Countries**

|                              |         |                       |         |                          |        |
|------------------------------|---------|-----------------------|---------|--------------------------|--------|
| Algeria                      |         | Ghana                 |         | New Zealand              |        |
| Algiers.....                 | 34,600  | Takoradi.....         | 10,100  | Auckland.....            | 37,400 |
| Oran.....                    | 19,000  | Greece                |         | Wellington.....          | 36,400 |
| Angola                       |         | Piraeus.....          | 41,100  | Nigeria                  |        |
| Lobito.....                  | 5,100   | Guinea                |         | Lagos.....               | 14,800 |
| Argentina                    |         | Conakry.....          | 7,300   | Port Harcourt.....       | 5,000  |
| Buenos Aires.....            | 116,200 | Hong Kong.....        | 33,800  | Norway                   |        |
| Australia                    |         | India                 |         | Bergen.....              | 26,300 |
| Brisbane.....                | 37,300  | Bombay.....           | 65,000  | Oslo.....                | 43,400 |
| Fremantle.....               | 18,200  | Calcutta.....         | 30,000  | Pakistan                 |        |
| Melbourne.....               | 61,100  | Cochin.....           | 8,800   | Karachi.....             | 26,000 |
| Newcastle.....               | 9,100   | Madras.....           | 15,700  | Peru                     |        |
| Sydney.....                  | 76,600  | Vishakhapatnam.....   | 13,000  | Callao.....              | 27,300 |
| Bangladesh                   |         | Indonesia             |         | Philippines              |        |
| Chalna (anchorage only)..... | 300     | Surabaya.....         | 31,300  | Manila (Luzon I.).....   | 42,800 |
| Chittagong.....              | 9,300   | Tandjungpriok.....    | 37,000  | Portugal                 |        |
| Belgium                      |         | Iran                  |         | Lisbon.....              | 48,000 |
| Antwerp.....                 | 249,300 | Abadan.....           | 5,300   | Republic of South Africa |        |
| Ghent.....                   | 82,800  | Khorramshahr.....     | 9,000   | Capetown.....            | 30,400 |
| Brazil                       |         | Iraq                  |         | Durban.....              | 47,800 |
| Rio de Janeiro.....          | 51,500  | Basra.....            | 10,200  | East London.....         | 10,500 |
| Santos.....                  | 30,300  | Ireland               |         | Port Elizabeth.....      | 13,200 |
| Burma                        |         | Dublin.....           | 25,400  | Saudi Arabia             |        |
| Rangoon.....                 | 13,100  | Israel                |         | Jeddah.....              | 7,100  |
| Cambodia                     |         | Eilat.....            | 4,500   | Ras Tanura.....          | 7,100  |
| Kompong Som.....             | 4,900   | Haifa.....            | 12,200  | Senegal                  |        |
| Canada                       |         | Italy                 |         | Dakar.....               | 36,400 |
| Halifax.....                 | 41,200  | Genoa.....            | 83,300  | Singapore                |        |
| Montreal.....                | 91,400  | Naples.....           | 31,500  | Singapore.....           | 38,600 |
| Vancouver.....               | 42,700  | Trieste.....          | 50,000  | Somalia                  |        |
| Chile                        |         | Japan                 |         | Berbera.....             | 2,000  |
| Antofagasta.....             | 10,100  | Kobe.....             | 162,500 | Chisimaio.....           | 2,500  |
| Valparaiso.....              | 13,100  | Moji.....             | 20,300  | Mogadiscio.....          | 500    |
| Colombia                     |         | Nagasaki.....         | 13,700  | South Korea              |        |
| Barranquilla.....            | 6,100   | Osaka.....            | 139,200 | Inchon.....              | 12,200 |
| Buenaventura.....            | 6,100   | Tokyo.....            | 26,400  | Pusan.....               | 48,300 |
| Cartagena.....               | 8,500   | Yokohama.....         | 167,600 | South Vietnam            |        |
| Congo                        |         | Jordan                |         | Saigon.....              | 14,800 |
| Pointe Noire.....            | 7,800   | Al Aqabah.....        | 3,000   | Spain                    |        |
| Cyprus                       |         | Kenya                 |         | Barcelona.....           | 37,400 |
| Famagusta.....               | 5,100   | Mombasa.....          | 10,800  | Sri Lanka                |        |
| Limassol.....                | 1,000   | Lebanon               |         | Colombo.....             | 27,400 |
| Denmark                      |         | Beirut.....           | 12,700  | Sudan                    |        |
| Copenhagen.....              | 89,300  | Libya                 |         | Port Sudan.....          | 10,000 |
| Ecuador                      |         | Benghazi.....         | 5,600   | Sweden                   |        |
| Guayaquil.....               | 6,500   | Tripoli.....          | 11,200  | Goteborg.....            | 79,200 |
| Egypt                        |         | Malaysia              |         | Malmö.....               | 50,000 |
| Alexandria.....              | 47,300  | Penang.....           | 14,100  | Stockholm.....           | 72,100 |
| Port Said.....               | 32,800  | Port Swettenham.....  | 6,400   | Syria                    |        |
| Port Suez.....               | 22,000  | Morocco               |         | Latakia.....             | 6,700  |
| Finland                      |         | Casablanca.....       | 25,800  | Taiwan                   |        |
| Helsinki.....                | 27,400  | Mozambique            |         | Kao-hsiung.....          | 25,200 |
| Turku.....                   | 15,200  | Beira.....            | 8,300   | Kee-lung.....            | 18,800 |
| France                       |         | Lourenco Marques..... | 12,300  | Tanzania                 |        |
| Dunkirk.....                 | 42,400  | Netherlands           |         | Dar es Salaam.....       | 5,900  |
| Le Havre.....                | 66,700  | Amsterdam.....        | 97,500  | Thailand                 |        |
| Marseille.....               | 82,000  | Rotterdam.....        | 225,000 | Bangkok.....             | 12,400 |
| Rouen.....                   | 43,400  |                       |         |                          |        |

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Table 171 (Continued)

**Military Capacities of Selected Ports**  
**Unloading Capacity in Metric Tons, Based on a 20-Hour Day (Continued)**

**Non-Communist Countries (Continued)**

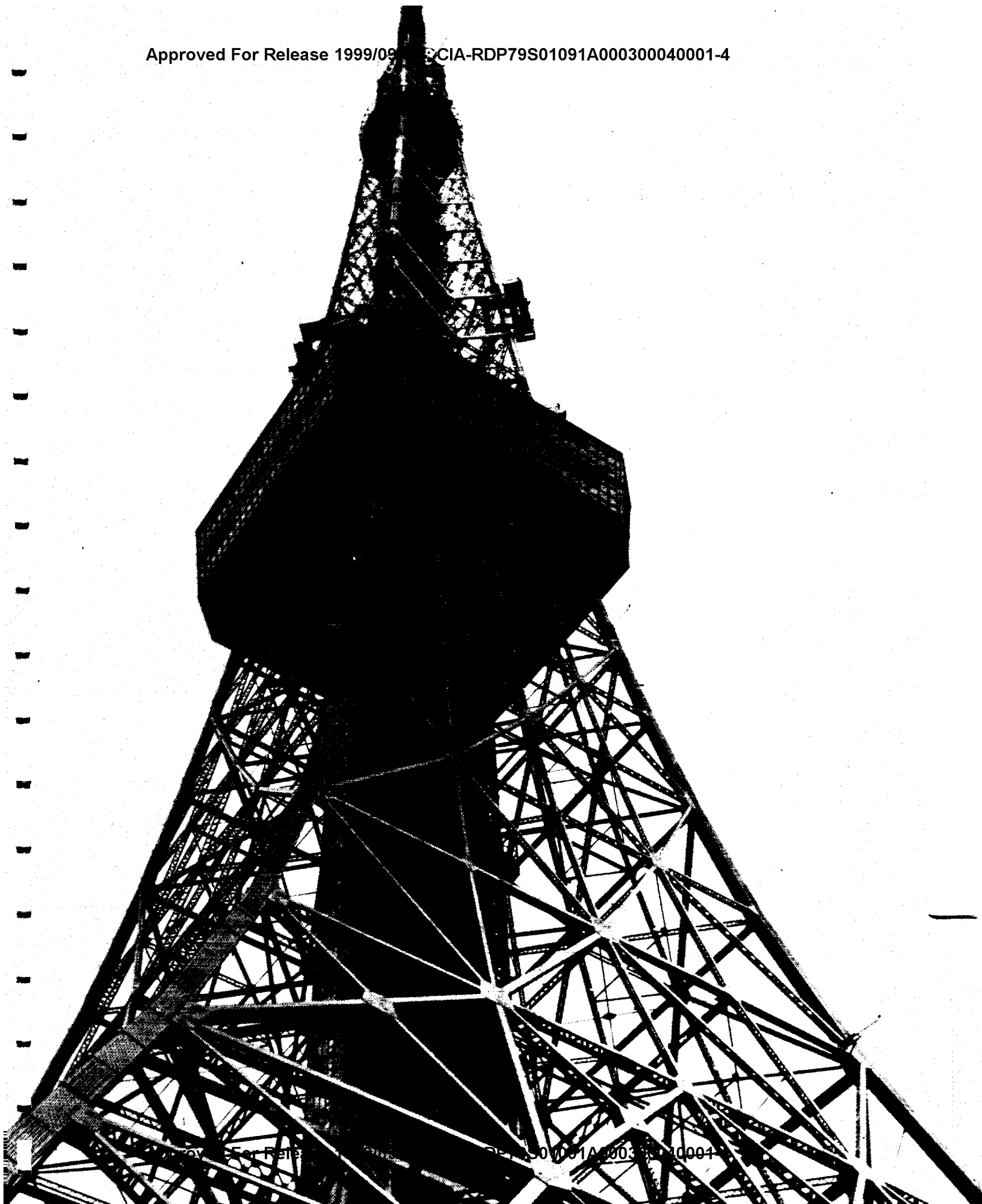
|                                  |        |                            |         |                  |         |
|----------------------------------|--------|----------------------------|---------|------------------|---------|
| Tunisia                          |        | United Kingdom (Continued) |         | Uruguay          |         |
| Tunis (including La Goulette)... | 12,200 | Dundee.....                | 11,800  | Montevideo.....  | 18,200  |
| Turkey                           |        | Glasgow.....               | 53,200  | West Germany     |         |
| Istanbul.....                    | 25,400 | Liverpool.....             | 188,500 | Bremen.....      | 76,900  |
| United Kingdom                   |        | London.....                | 184,000 | Bremerhaven..... | 74,700  |
| Belfast.....                     | 22,600 | Manchester.....            | 70,900  | Hamburg.....     | 157,400 |
| Cardiff.....                     | 33,100 | Southampton.....           | 33,500  | Zaire            |         |
|                                  |        |                            |         | Matadi.....      | 8,400   |

**Communist Countries**

|                           |        |                |        |                   |        |
|---------------------------|--------|----------------|--------|-------------------|--------|
| Albania                   |        | East Germany   |        | USSR              |        |
| Durres.....               | 5,100  | Rostock.....   | 48,800 | Arkhangel'sk..... | 66,000 |
| Bulgaria                  |        | Wismar.....    | 15,200 | Il'ichevsk.....   | 17,000 |
| Varna.....                | 22,400 | North Korea    |        | Leningrad.....    | 55,400 |
| China                     |        | Chongjin.....  | 27,400 | Liyepaya.....     | 19,000 |
| Canton.....               | 8,000  | Hungnam.....   | 7,200  | Murmansk.....     | 38,600 |
| Dairen.....               | 43,700 | Najin.....     | 18,300 | Nakhodka.....     | 36,600 |
| Fort Bayard (Chan Chiang) |        | Nampo.....     | 2,700  | Nikolayev.....    | 18,600 |
| (Tsam Kong).....          | 6,000  | North Vietnam  |        | Novorossiysk..... | 32,600 |
| Shanghai.....             | 70,500 | Cam Pha.....   | 1,200  | Odessa.....       | 38,000 |
| Whamboa.....              | 9,900  | Haiphong.....  | 5,500  | Riga.....         | 28,400 |
|                           |        | Hon Cay.....   | 1,200  | Tallin.....       | 39,800 |
| Cuba                      |        | Poland         |        | Vladivostok.....  | 27,500 |
| Cienfuegos.....           | 5,900  | Gdansk.....    | 52,800 |                   |        |
| Havana.....               | 38,700 | Gdynia.....    | 63,000 | Yugoslavia        |        |
| Marief.....               | 4,500  | Stettin.....   | 63,000 | Ploce.....        | 9,400  |
| Santiago.....             | 11,600 | Romania        |        | Rijeka.....       | 30,500 |
|                           |        | Constanta..... | 31,700 | Split.....        | 29,800 |

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Table 172

Telephones in Use <sup>1</sup>

Thousand Units

|                                   | 1960               | 1965                | 1970                | 1972                 |
|-----------------------------------|--------------------|---------------------|---------------------|----------------------|
| OECD.....                         | 124,000            | 168,000             | 233,000             | 249,000 <sup>2</sup> |
| United States.....                | 74,342             | 93,656              | 120,218             | 124,665 <sup>2</sup> |
| Australia.....                    | 2,216              | 2,811               | 3,913               | 4,152 <sup>2</sup>   |
| Canada.....                       | 5,728              | 7,456               | 9,752               | 10,290 <sup>2</sup>  |
| Japan.....                        | 5,526              | 13,999              | 26,233              | 29,828 <sup>2</sup>  |
| Spain.....                        | 1,792              | 2,788               | 4,604               | 5,130 <sup>2,3</sup> |
| Sweden.....                       | 2,761              | 3,573               | 4,506               | 4,680 <sup>2</sup>   |
| Switzerland.....                  | 1,659              | 2,259               | 3,026               | 3,213 <sup>2</sup>   |
| European Community.....           | 26,500             | 37,200              | 54,500              | 59,400 <sup>2</sup>  |
| France.....                       | 4,358              | 6,117               | 8,774               | 9,546 <sup>2</sup>   |
| Italy.....                        | 3,861              | 5,981               | 9,369               | 10,322 <sup>2</sup>  |
| Netherlands.....                  | 1,613              | 2,382               | 3,410               | 3,721 <sup>2</sup>   |
| United Kingdom.....               | 8,270 <sup>4</sup> | 10,704 <sup>4</sup> | 14,961 <sup>4</sup> | 16,143 <sup>2</sup>  |
| West Germany.....                 | 5,994              | 8,802               | 13,835              | 15,246 <sup>2</sup>  |
| Communist Countries <sup>5</sup>  |                    |                     |                     |                      |
| USSR and Eastern Europe.....      | 6,680              | 13,300              | 21,100              | 24,600               |
| USSR <sup>6</sup> .....           | 2,697              | 7,700               | 13,500              | 16,100               |
| Eastern Europe.....               | 3,980              | 5,560               | 7,580               | 8,480                |
| Bulgaria.....                     | 172                | 279                 | 473                 | 582                  |
| Czechoslovakia <sup>7</sup> ..... | 1,016              | 1,491               | 2,003               | 2,232                |
| East Germany.....                 | 1,292              | 1,659               | 2,089               | 2,252                |
| Hungary.....                      | 418                | 528                 | 712                 | 796                  |
| Poland.....                       | 881                | 1,294               | 1,867               | 2,082                |
| Romania <sup>7</sup> .....        | 201                | 306                 | 440                 | 533                  |
| Other                             |                    |                     |                     |                      |
| Albania.....                      | 7                  | 11                  | N.A.                | N.A.                 |
| Cuba.....                         | 200                | 231                 | 291                 | 275                  |
| Yugoslavia.....                   | 260                | 415                 | 736                 | 926                  |

<sup>1</sup> Unless otherwise indicated, data are as of the end of the year and are for both private and public telephones in use that can be connected to a central exchange.

<sup>2</sup> Data are as of the beginning of the year.

<sup>3</sup> Including Spanish North Africa.

<sup>4</sup> Data are as of 31 March of the following year.

<sup>5</sup> Telephones operated by the various civil departments of post and telecommunications and, unless otherwise indicated, excluding telephones serviced by other functional ministries and the military.

<sup>6</sup> Beginning in 1965, data include telephones used by the functional ministries and exclude those used by the military.

<sup>7</sup> Telephone subscribers.

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Table 173

Production of Semiconductors <sup>1</sup>

Million Units

|                                  | 1960   | 1965    | 1970     | 1972     |
|----------------------------------|--------|---------|----------|----------|
| OECD                             |        |         |          |          |
| United States <sup>2</sup> ..... | 313.3  | 1,520.4 | 3,075.7  | 3,860.9  |
| Japan.....                       | 206.4  | 721.6   | 3,892.5  | 4,636.2  |
| Communist Countries              |        |         |          |          |
| USSR and Eastern Europe.....     | 55.0*  | 405*    | 1,360*   | 1,910*   |
| USSR.....                        | 55.0*  | 350.0*  | 1,100.0* | 1,500.0* |
| Eastern Europe.....              | Negl.* | 55.3*   | 256*     | 409*     |
| Bulgaria.....                    | Negl.* | 1.5*    | 30.0*    | 40.0*    |
| Czechoslovakia.....              | Negl.* | 8.4*    | 40.0*    | 76.0*    |
| East Germany.....                | Negl.* | 24.0*   | 110.0*   | 176.0*   |
| Hungary.....                     | Negl.* | 7.7*    | 35.0*    | 46.0*    |
| Poland.....                      | Negl.* | 7.7     | 26.5     | 39.0     |
| Romania.....                     | Negl.* | 6.0*    | 15.0*    | 32.0*    |

\*An asterisk indicates that the data are CONFIDENTIAL.

<sup>1</sup> Semiconductor diodes; rectifiers; transistors; and, in 1972, integrated circuits.<sup>2</sup> Excluding the production by large US firms for their own use, which is not reported in statistical data.

Table 174

Radio Receivers in Public Use <sup>1</sup>

Thousand Units

|                                   | 1960    | 1965    | 1970                | 1972                |
|-----------------------------------|---------|---------|---------------------|---------------------|
| OECD                              |         |         |                     |                     |
| United States.....                | 168,300 | 242,000 | 336,000             | 368,600             |
| Canada.....                       | 8,050   | 12,000  | 15,890              | 16,850 <sup>2</sup> |
| Japan.....                        | 12,410  | 20,425  | 57,000              | 60,000 <sup>2</sup> |
| European Community                |         |         |                     |                     |
| France <sup>3</sup> .....         | 10,981  | 15,336  | 15,995              | 16,025 <sup>2</sup> |
| Italy <sup>3</sup> .....          | 8,005   | 10,724  | 11,702              | 12,068 <sup>2</sup> |
| West Germany <sup>3</sup> .....   | 15,892  | 26,000  | 19,622              | N.A.                |
| Other Countries                   |         |         |                     |                     |
| India <sup>3</sup> .....          | 2,148   | 5,401   | 11,747              | N.A.                |
| Mexico.....                       | 3,300   | 8,593   | 14,005              | N.A.                |
| Communist Countries <sup>4</sup>  |         |         |                     |                     |
| USSR and Eastern Europe.....      | 44,400  | 57,200  | 68,800              | 74,200              |
| USSR.....                         | 27,811  | 38,228  | 48,600              | 53,200              |
| Eastern Europe.....               | 16,600  | 19,000  | 20,200              | 21,000              |
| Bulgaria.....                     | 869     | 1,400   | 1,555               | 1,521               |
| Czechoslovakia <sup>3</sup> ..... | 3,104   | 3,100   | 3,174               | 3,120               |
| East Germany <sup>3</sup> .....   | 5,574   | 5,743   | 5,985               | 6,058               |
| Hungary <sup>3</sup> .....        | 1,969   | 2,321   | 2,530               | 2,542               |
| Poland.....                       | 3,796   | 4,537   | 4,698               | 5,476               |
| Romania <sup>3</sup> .....        | 1,283   | 1,920   | 2,241               | 2,330               |
| Far East                          |         |         |                     |                     |
| China.....                        | N.A.    | N.A.    | 14,000*—<br>15,000* | 16,000*—<br>17,000* |
| Other                             |         |         |                     |                     |
| Albania.....                      | 54      | 82      | N.A.                | N.A.                |
| Yugoslavia <sup>3</sup> .....     | 1,562   | 2,783   | 3,400               | 3,540               |

\*An asterisk indicates that the data are CONFIDENTIAL.

<sup>1</sup> Data are as of the end of the year.<sup>2</sup> Data are for 1971.<sup>3</sup> Radio subscribers.<sup>4</sup> Excluding wired loudspeakers.

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Table 175

Television Receivers in Public Use <sup>1</sup>

Thousand Units

|                                   | 1960   | 1965    | 1970    | 1972    |
|-----------------------------------|--------|---------|---------|---------|
| OECD.....                         | 92,700 | 146,000 | 198,000 | 238,000 |
| United States.....                | 57,100 | 71,400  | 92,700  | 111,300 |
| Canada.....                       | 3,930  | 5,310   | 7,100   | 9,060   |
| Japan <sup>2</sup> .....          | 6,860  | 17,960  | 22,658  | 27,327  |
| Spain.....                        | 250    | 1,750   | 4,115   | 5,200   |
| European Community.....           | 21,800 | 42,500  | 60,500  | 72,000  |
| France <sup>2</sup> .....         | 1,902  | 6,489   | 10,968  | 13,526  |
| Italy <sup>2</sup> .....          | 2,124  | 6,045   | 9,717   | 11,800  |
| United Kingdom <sup>2</sup> ..... | 11,076 | 13,516  | 16,316  | 16,931  |
| West Germany <sup>2</sup> .....   | 4,635  | 11,379  | 16,750  | 21,300  |
| Other Countries                   |        |         |         |         |
| Brazil.....                       | 1,200  | 2,500   | 6,100   | 7,600   |
| Communist Countries               |        |         |         |         |
| USSR and Eastern Europe.....      | 7,210  | 24,600  | 50,900  | 64,600  |
| USSR.....                         | 4,788  | 15,693  | 34,800  | 45,600  |
| Eastern Europe.....               | 2,420  | 8,920   | 16,100  | 19,000  |
| Bulgaria.....                     | 3      | 185     | 1,028   | 1,286   |
| Czechoslovakia.....               | 795    | 2,113   | 3,091   | 3,286   |
| East Germany.....                 | 1,035  | 3,216   | 4,499   | 4,848   |
| Hungary.....                      | 104    | 831     | 1,769   | 2,085   |
| Poland.....                       | 426    | 2,078   | 4,215   | 5,497   |
| Romania.....                      | 55     | 501     | 1,484   | 1,955   |
| Other                             |        |         |         |         |
| Yugoslavia <sup>2</sup> .....     | 30     | 577     | 1,796   | 2,350   |

<sup>1</sup> Data are as of the end of the year and include monochrome and color television receivers.<sup>2</sup> Television subscribers.

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| Gold                                     | 100               |  |         |
| Gold, USSR                               | 38                |  |         |
| Grain combines                           | 140               |  |         |
| Grain production, US, USSR               | 36                |  |         |

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| Lignite   | 87      | Ore, manganese  | 95      |
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| Motor vehicle freight   | 147     | Primary energy  | 81      |
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|   |         | Primary magnesium   | 106     |
| Natural gas   | 85      | Primary tin metal   | 106     |
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## Conversion Factors

| To Convert From              | To                           | Multiply By |
|------------------------------|------------------------------|-------------|
| Acres .....                  | Hectares .....               | 0.40468564  |
| Acres .....                  | Kilometers, square .....     | 0.004046856 |
| Acres .....                  | Meters, square .....         | 4,046.856   |
| Acres .....                  | Miles, square .....          | 0.0015625   |
| Feet .....                   | Meters .....                 | 0.30480061  |
| Feet, cubic .....            | Meters, cubic .....          | 0.028317    |
| Feet, cubic .....            | Tons, register .....         | 0.01        |
| Feet, square .....           | Meters, square .....         | 0.09290341  |
| Gallons, US liquid .....     | Meters, cubic .....          | 0.0037854   |
| Gallons, US liquid .....     | Inches, cubic .....          | 231         |
| Gallons, US liquid .....     | Feet, cubic .....            | 0.1336816   |
| Gallons, US liquid .....     | Liters .....                 | 3.785306    |
| Hectares .....               | Acres .....                  | 2.471054    |
| Hectares .....               | Kilometers, square .....     | 0.01        |
| Hectares .....               | Miles, square .....          | 0.00386101  |
| Kilometers .....             | Miles, US nautical .....     | 0.539957    |
| Kilometers .....             | Miles, US statute .....      | 0.621371    |
| Kilometers, square .....     | Acres .....                  | 247.1054    |
| Kilometers, square .....     | Hectares .....               | 100         |
| Kilometers, square .....     | Miles, square .....          | 0.386101    |
| Meters .....                 | Feet .....                   | 3.280840    |
| Meters .....                 | Yards .....                  | 1.093613    |
| Meters, cubic .....          | Tons, register .....         | 0.353147    |
| Meters, cubic .....          | Feet, cubic .....            | 35.314667   |
| Meters, cubic .....          | Gallons, US liquid .....     | 264.17205   |
| Meters, square .....         | Feet, square .....           | 10.763910   |
| Meters, square .....         | Yards, square .....          | 1.195991    |
| Miles, US nautical .....     | Kilometers .....             | 1.852       |
| Miles, square .....          | Acres .....                  | 640         |
| Miles, square .....          | Hectares .....               | 259         |
| Miles, square .....          | Kilometers, square .....     | 2.59        |
| Miles, US statute .....      | Kilometers .....             | 1.609344    |
| Ounces, troy .....           | Grams .....                  | 31.10348    |
| Pounds, avoirdupois .....    | Quintals .....               | 0.00453592  |
| Pounds, avoirdupois .....    | Tons, metric .....           | 0.000453592 |
| Quarts, US dry .....         | Liters .....                 | 1.10119     |
| Quarts, US liquid .....      | Liters .....                 | 0.946326    |
| Quintals .....               | Pounds .....                 | 220.4622    |
| Quintals .....               | Tons, metric .....           | 0.1         |
| Tons, long .....             | Tons, metric .....           | 1.016047    |
| Ton-kilometers, metric ..... | Ton-miles, short .....       | 0.684943    |
| Tons, metric .....           | Pounds .....                 | 2,204.622   |
| Tons, metric .....           | Quintals .....               | 10          |
| Tons, metric .....           | Tons, long .....             | 0.984206    |
| Tons, metric .....           | Tons, short .....            | 1.10231     |
| Ton-miles, short .....       | Ton-kilometers, metric ..... | 1.459975    |
| Tons, register .....         | Feet, cubic .....            | 100         |
| Tons, register .....         | Meters, cubic .....          | 2.831685    |
| Tons, short .....            | Tons, metric .....           | 0.907185    |
| Yards .....                  | Meters .....                 | 0.9144018   |
| Yards, square .....          | Meters, square .....         | 0.836127    |

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